

WORLDWIDE

AIR TRANSPORTATION

THE WORLD'S FIRST AND ONLY AIR CARGO MAGAZINE

TRANS-CANADA AIR LINES AIRCARGO
AIRBILL - NON-NEGOTIABLE
COPY ISSUED BY
KLM ROYAL DUTCH AIRLINES
TO SHIPPER THE AIRCARGO RECEIPT
AIR WAYBILL/CONSIGNMENT NOTE
AIRPORT OF ORIGIN
AIRPORT OF DESTINATION
CONTINUED TO

NORTHWEST AIRLINES, Inc.
1000 Ave. - 1000 Ave. St. Paul 1, Minn. U.S.A.
AIR WAYBILL/CONSIGNMENT NOTE
AIRPORT OF ORIGIN
AIRPORT OF DESTINATION
CONTINUED TO

TWA
TRANSCONTINENTAL & WESTERN AIR, INC.
401 WEST OLIVEHURST ST. KANSAS CITY 1, MO. U.S.A.
AIR WAYBILL
AIRPORT OF ORIGIN
AIRPORT OF DESTINATION
CONTINUED TO

SCANDINAVIAN AIRLINES SYSTEM
AIR WAYBILL/CONSIGNMENT NOTE
AIRPORT OF ORIGIN
AIRPORT OF DESTINATION
CONTINUED TO

SWISSAIR
AIR WAYBILL
AIRPORT OF ORIGIN
AIRPORT OF DESTINATION
CONTINUED TO

SAABENA
AIR WAYBILL/CONSIGNMENT NOTE
AIRPORT OF ORIGIN
AIRPORT OF DESTINATION
CONTINUED TO

PHILIPPINE AIR LINES
AIR WAYBILL
AIRPORT OF ORIGIN
AIRPORT OF DESTINATION
CONTINUED TO

INTERNATIONAL AIR WAYBILL
No. 20095
NOT NEGOTIABLE

Foreign Trade Issue

FEATURING Air Shippers' Manual

ALONG THE WAY... OF **TWA**

Italian Merchandise

TAKES WINGS OF TWA TO U.S.A.



SPECTACULAR SALE OF ITALIAN IMPORTS BY LEADING U.S. STORES CURRENTLY INCLUDES FASHIONS, COSMETICS, TOYS, CERAMICS, VENETIAN GLASS, FOOD, FURNITURE... A LONG LIST. MANY CAME VIA TWA -THE ONLY "ONE-AIRLINE" CARGO SERVICE CONNECTING 60 U.S. CITIES WITH ROME.

SHIPPERS EVERYWHERE RECOGNIZE MERCHANDISING VALUE OF TWA AIR CARGO...USE IT REGULARLY.

34% INCREASE
IN TWA AIR-FREIGHT
TON-MILES... FIRST
6 MOS. 1951

PROVES MORE AND MORE
BUSINESSES TODAY ARE
ROUTING SHIPMENTS TWA.

NOTE THE MAP

TWA BLANKETS U.S.A.-
DIRECT ROUTES SERVE
PRINCIPAL EUROPEAN
AND MIDDLE EAST
POINTS...



AND REMEMBER

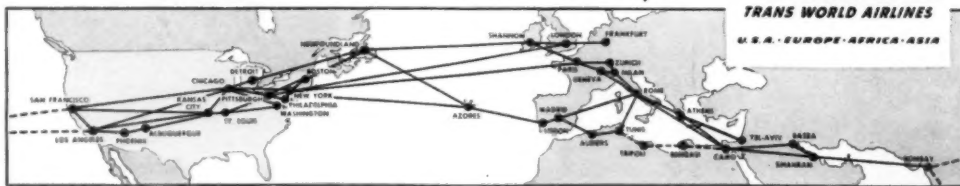


*All TWA flights carry
Air Mail and Air Cargo*



**SALES THROUGH THE
AIR WITH THE
GREATEST OF SPEED**

SALES-MINDED
SHIPPERS BOOST SALES
...REDUCE INVENTORIES
...PREVENT MARK-DOWNS...SELL
IN PEAK MARKETS...BEAT COMPETITION
...AND AT LOW RATES VIA TWA'S BIG,
4-ENGINE, ALL-CARGO "SKY
MERCHANT" FLEET.



TWA

TRANS WORLD AIRLINES

U.S.A. - EUROPE - AFRICA - ASIA

AIR TRANSPORTATION

The World's First and Only Air Cargo
Magazine . . . Established
October, 1942



MEMBER OF CONTROLLED CIRCULATION
AUDIT, INC.

AIR TRANSPORTATION, published once each month, thoroughly covers the entire air cargo industry for the benefit of all those engaged in shipping and handling domestic and international air freight, air express, and air parcel post, as well as using the domestic and international air mail services. Included in AIR TRANSPORTATION'S wide coverage are: air shipping, cargo plane development, rates, packaging, materials handling, documentation, air cargo terminal development, insurance, routing, interline procedures, new equipment, commercial airlines, military air transport service, air freight forwarders, personnel and business air travel.

Subscription rate for United States and Possessions, \$5.00 for one year, \$8.00 for two years, and \$11.00 for three years; foreign countries, \$6.00 for one year, \$10.00 for two years, and \$14.00 for three years. Individual copies, 50 cents each.

John F. Budd, Editor and Publisher

Richard Malkin, Consulting Editor

Milton A. Caine, Assistant Editor

K. H. Lyons, Business Manager

Frank W. Budd, Circulation Manager

Langdon P. Marvin, Jr.,
Contributing Editor

J. Prescott Blount, Contributing Editor

Dr. William L. Grossman,
Contributing Editor

Edgar H. Bauman, Field Correspondent

L. A. Goldsmith, Economic Analyst

Franklin D. Hunt, Advertising Manager

Keith H. Evans,
West Coast Advertising Representative
557 Wilshire Blvd., Los Angeles 5, Calif.
Phone: DUckin 8-2981

Jakob Scheidegger,
European Representative
Dachfeldstrasse 21, Basle, Switzerland

J. B. Trantsart, Ltd.,
United Kingdom Sales Representative
5 London St., London, W. 2, England

AIR TRANSPORTATION is published by Import Publications, Inc., Ten Bridge Street, New York 4, N. Y.; also publishers of Custom House Guide, American Import & Export Bulletin, and Air Shippers' Manual. Reprinting of any article or portion of an article appearing in this magazine, without written permission, is strictly forbidden. AIR TRANSPORTATION is available on microfilm. For information contact publications office.

18 BRIDGE ST., NEW YORK 4, N. Y.
Phone: WHitehall 4-2891

Copyright, 1951, Import Publications, Inc.
Acceptance under Section 3624 P.L. and R.
authorized.

Vol. 19, No. 5

November, 1951

CONTENTS

GUEST AIR CARGO EDITORIAL

Progress As A Synonym for Flying Cargo 5

By Robert Ritchie

AIR FREIGHT POTENTIAL

Boxcars in the Sky

Section One 6

Section Two 7

By Richard Malkin

Low Cost Air Service and Its Effect Abroad 8

By Juan Trippe

AIR CARRIERS

Vikings of the Air 9

By Milton A. Caine

QCA . . . Vancouver Workhorse 10

Cyprus Airways 16

Garuda Indonesian Airways 17

AIR TRAFFIC

Airport U. S. A. 18

AIR SHIPPERS' MANUAL

Air Cargo Insurance Rates 37

Airline Cargo Directory 57

CAB-Authorized Freight Forwarders 32

Domestic Air Parcel Post Rates 61

Foreign Airlines of the World 51

Foreign Air Mail Rates 42

IATA Air Cargo Agents 20

Scheduled Airlines of the United States 50

United States Airlines (Large) and Non-Certificated Cargo

Carriers 33

United States Irregular Carriers (Small) 33

DEPARTMENTS

Air Commerce 11	New Equipment for the Shipper and	78
Air Transportation 75	Carriers 78	
Business Flight 76	Table of Airline Distances Between Cities	89
Come 'N' Get It! 14	of the United States 89	
Facts and Figures 12	Table of Airline Distances Between Cities	88
Mailbag Memos 77	of the World 88	

NEWS

Air Cargo Gains 78	Ignition Analyzers 11
Air Parcel Post 13	LAMSA 12
Airport Facilities 13	Military Air Transport Service 12
American Airlines 13	Manila 12
Atomic Aircraft 11	National Airlines 11
BOAC 11	Oakland 15
Civil Aeronautics Administration 13	Packaging 12
Civil Aeronautics Board 11	Safety Maps 12
Haiti 11	U. S. Navy 13
IATA 13	

ADVERTISERS

ABC Air Freight 12	LAJ 37
Acc Air Freight 55	LAV 32
Acme Air Cargo, Inc. 23	Manhattan Storage Warehouse Co. 78
Air Clearance Association 46	Wm. H. McGee & Co., Inc. 28
Air Express Int'l Agency, Inc. 73	Merceder, Inc. 28
Air France 63	National Airlines 29
Air Freight Delivery Service 52	New York Board of Trade 56
N. M. Albert Co., Inc. 29	H. G. Ollendorf, Inc. 62
Airtransport, Inc. 78	E. L. O'Reilly Co. 62
Avianca Airlines 78	Panagra 63
Baker, Irons and Dockstader 52	Pariser & Co., Inc. 47
Baran Shipping Co., Inc. 72	Philippine Air Lines 30
Barnett Int'l Forwarders 59	Redstar Air Cargo 79
Barr Shipping Corp. 59	Riddle Aviation 86
Bekring Shipping Co. 20	Robart, Gehrig & Co., Inc. 27
Peter A. Bernacki, Inc. 12	Roberts, Bailey & Sons 75
Boxcars in the Sky 3rd Cover	Sabena Belgian Airlines 75
Brauner & Co. 58	Scandinavian Airlines System 64
British Overseas Airways Corp. 13	Seaboard & Western Airlines 15
Collins Engineering Co. 12	Samuel Shapiro & Co., Inc. 25
Colony Shipping Co., Inc. 28	Slick Airways, Inc. 80
Thomas Cook & Son, Inc. 26	J. D. Smith Inter-Ocean 27
Cosmos Shipping Co., Inc. 19	Sperry Gyroscope Co. 59
Custom Brokers & Freight Forwarders 21	State Street Trust Co. 14
Assoc. 19	Talbot, Bird & Co., Inc. 4
El Al Israel Airlines 79	Traffic Managers Institute 17
Fiesta Internacional Corp. 12	Trans-Ocean Airlines 27
Flying Tiger Line 32	Trans-World Shipping Corp. 27
Globe Shipping Co., Inc. 85	TWA 2nd Cover
Gondrand Bros., Inc. 4th Cover	U. S. Airlines 25
Inter-Maritime Forwarding Co., Inc. 66	West Aircraft & Finance Corp. 23
Intra-Mar 43	Wademan & Gaudinicht, Inc. 23
W. B. Keating & Co., Inc. 24	John Wiley & Sons, Inc. 24
KLM Royal Dutch Airlines 60	



ASUNCION
Capital of Paraguay

Ports and/or Places

If you were to travel up the Valley of the Rio de la Plata past Buenos Aires and Rosario to Asuncion, you would have travelled further than from New Orleans to St. Louis. Yet, this port, almost 1,000 miles from the sea, handles practically all the commerce of Paraguay.

Since the 17th century, it has been the center of the Yerba Mate (Paraguay tea) industry. Mate tea, obtained from the dry leaves of a native evergreen shrub belonging to the same natural order as common holly, is as popular a drink there as coffee is here. It has a bitter taste and it is the native custom to drink it piping hot so it's frankly a bit disagreeable to those accustomed to Chinese tea.

Asuncion, an attractive city, has broad streets . . . Spanish-Moorish style houses with patios and fountains . . . and an abundance of orange blossoms and roses—roses as red as its violent and bloody history. For more than 30 years following the disastrous war of 1870, no president succeeded in serving out his 4-year term. Since then, however, progress has been made and today Asuncion lives up to its sunny and pleasant atmosphere.

TALBOT, BIRD & CO., INC., *Insurance Underwriters*

111 JOHN STREET, NEW YORK 38, N. Y.

Progress As a Synonym for Flying Cargo

By ROBERT RITCHIE

Air Cargo Officer

North America, BOAC

IT is a generally accepted fact that civil air transport has made tremendous strides forward (and upward!) since the turn of the century.

As testimony, consider that the first flight by heavier-than-air machines—made by Orville Wright at Kitty Hawk, on December 17th, 1903—involved a plane weighing 750 pounds (including the pilot) and was powered by a four cylinder, 12 h.p. motor. Today, the wing span of a *Constellation* exceeds the entire length of that flight. Today, too, civil aviation can boast of multi-motored aircraft with a safe all-up weight of almost 150,000 pounds, powered by engines which are rated at 2,800 h.p. per unit. These planes now operate on regularly scheduled, non-stop transoceanic flights carrying a revenue payload in excess of six tons.

The above figures testify to the progress of aviation, progress which now the man in the street takes for granted, progress that has not been won without the traditional letting of blood, sweat, and tears from the pioneers and visionaries of the air industry and its vitally important branch, the air cargo industry.

A more-than-casual role has been played by the British Overseas Airways Corporation and its predecessors in this ascendancy of air cargo transportation. Way back on August 25th, 1919, the first heavier-than-air aircraft to operate a regular commercial service was flown from London to Paris by Aircraft Transport and Travel Ltd., a BOAC predecessor. On November 10th of the same year, the company established the first regular airmail service between these two points.

Imperial Airways, one of BOAC's two immediate predecessors, was formed in 1924, absorbing the other main British carriers which had been operating for the previous five years. In this manner, the experience obtained during the initial period of creating an air industry was continued in the one organization and paved the way for blazing new trails in the sky to markets hitherto considered almost inaccessible.

Together with the RAF, Imperial Airways pioneered



the principle aerial trunk routes to Africa, the Middle and Far East and Australia. These routes, incidentally, have changed very slightly even to this day.

What has changed, however, is the tremendous speeds which bring all distant locations within quick and easy reach. What has changed also is the assurance of safety with which cargo is now flown to and from these distant points to effect the wider distribution of diverse products for general consumption. What still belongs to the future is an even greater speed than we now have in winging the goods to all corners of the earth, and that concept is fast becoming a reality.

In 1939, BOAC came into existence as Britain's international airline when, by Act of Parliament, it absorbed Imperial Airways and British

Airways, Ltd. With its associates—Qantas Empire Airways, South African Airways, Tasman Empire Airways and affiliated companies—it operates today a network of routes connecting all six continents, moving cargo and passengers in ever-increasing numbers to their various destinations as expeditiously as is currently possible.

Cognizant of the high dollar revenue potential existing on the blue ribbon transatlantic service, BOAC has concentrated considerable effort on the air freight business.

BOAC's first major step toward providing superior cargo facilities was taken in September, 1949, when the Boeing *Stratocruiser*, world's largest commercial airliner, was introduced on the London-New York route. This move provided speedier service as well as a much greater load capacity than could previously have been realized.

Shipments, measuring as large as 6' x 3' x 3' could then be loaded with ease and transported quickly via daily air departures to London.

To facilitate the onward shipment of goods from London, BOAC took another important step: it began a twice-weekly all-freighter service from London to Singapore, calling at Cairo, Bahrain, Karachi, Delhi and Calcutta en route. York freighters used on this route can accom-

(Concluded on Page 51)

BOXCARS in

Presenting two chapters from the most important book
written to date concerning the air cargo industry

I Nothing is Deader than Yesterday's Headlines

II Terminals and Packaging

I. **W**ITHIN your lifetime, you will be able to purchase newspapers printed the same day in plants halfway around the globe. If you have the desire—and the knowledge of several languages—you will be able to walk to your favorite newsstand and pick up a daily from Paris, Calcutta, Rio de Janiero, or

Capetown. *La Prensa* will become as commonplace as *The Times*, *Le Matin* as familiar as *The Herald Tribune*, and *Il Popolo* as usual as *The News*.

Another development is certain to come: a truly global newspaper, compiled and edited by a single staff. The nearest thing to it today is the magazine, *Reader's Digest*, which, at the con-

clusion of the war, had an estimated domestic circulation of 8,500,000, plus 1,500,000 in foreign editions. With the exception of the Finnish edition, all the others (Spanish, Portuguese, Swedish, Danish, and Arabic) boasted the largest circulation in their language.¹

The airplane already is working a revolution in the distribution of newspapers and periodicals. Special airborne editions are printed by a number of dailies and magazines. Others have made arrangements with air carriers to widen the circulation of their regular editions. Airline commodity rates for newspapers and magazines have been a valuable aid to this type of traffic. W. K. Ballantyne, former traffic manager for *Time International*, recently wrote:

One of the publishers of *Time Magazine* once remarked that the best definition of news he had ever heard was, "News is the thing people are interested in reading about today." With this as our cue, it becomes instantly apparent that *Time's* problems in foreign fields of reducing to the greatest extent possible the spread between date of publication and date of delivery to the reader is not inconsiderable. The practical details of handling such a problem—of

(Continued on Page 81)

¹ *A Free and Responsible Press*, by the Commission on Freedom of the Press (University of Chicago).



The giant Boeing Stratofreighter, cargo counterpart of the Stratocruiser, accepting an assorted load of heavy freight.

The SKY *

By RICHARD MALKIN

II. THE Civil Aeronautics Administration is on record as estimating that "by 1955 the generated air cargo of the United States will be 1,150,000 tons and 1,150,000,000 ton-miles." The CAA didn't stop there. It stated that if "air cargo rates decline precipitately, both in the absolute and relative to rates of competing carriers, air cargo tonnage would mount far above the amount" forecast in the CAA study.

Freight forms the bulk of traffic volume for all surface carriers (it said). Only the airlines have a preponderance of passenger traffic. As air transportation approaches maturity, its traffic will tend to conform to the established pattern rather than remain a typical.

The Port of New York Authority, in its Air Traffic Forecast, issued June, 1950, predicted that United States domestic and international air cargo will multiply ninefold by 1980, while the New York-New Jersey district's tonnage increases sevenfold—that is, "barring unforeseeable world political and economic changes."

Realization of the highest levels of air cargo traffic is not entirely based on what the rates will be a decade or two hence, or what kind of aircraft will be operated in the near future. Part and parcel of the strengthening of air cargo transportation are the development of all-cargo terminals, the streamlining of ground handling procedures, and the awakening of the packaging industry to an important new source of business.

One of the more important hazards to the building of an unexcelled air cargo transportation system is the slowing of its greatest selling point—speed. In the passenger business, a common complaint has been the long city-to-air-

port and airport-to-city surface rides which are particularly annoying to passengers on short flights. The air cargo business has been hampered by the paucity of equipment designed for the sole purpose of giving air shipments the greatest possible speed in handling. The Number One piece of "equipment" is the air cargo terminal—a gleam in the eye yesterday, and much nearer reality today.

A leading light in the development of the much-needed terminal is L. R. "Mike" Hackney, air cargo sales engineer for Lockheed, who has done a great deal in bringing about an awareness of the insufficiency of the ground-handling procedures. I have met with Hackney on his frequent swings around the country, and I have been impressed by his progressive outlook and planning. There is no doubt in my mind that his suggestions for the modern air freight terminal will be incorporated in the terminal design of tomorrow, possibly in some modified form. But the basic principles will be there.

While there still remains much to be done to improve the airborne aspect of air freight, it is the ground

handling and loading that threatens to retard further development of the vast unexploited air freight potential (Hackney said in his article, Planning the Air Freight Terminal).¹ In many instances, cost of handling air freight from the consignor into the airfreighter, and from the airfreighter to the consignee, approaches the actual expense of the air haul. This condition is also true concerning the time element. While it is recognized that one of the principal selling advantages of air freight is speed, it is not uncommon to have the time during which the freight is on the ground in pick-up and delivery, waybiling and manifesting, loading and unloading, exceed the time the freight is in the air. This unfortunate situation excludes a large segment of air freight traffic of the so-called short-haul (500 to 750 miles) potential which should be enjoyed by the air transport industry. Where there is a sizable air freight tonnage now being carried on the short haul, it is a small percentage of the available potential

(Continued on Page 86)

¹ Air Transportation Magazine; Vol. 14, Nos. 3, 4, 5.



An ever-widening variety of inbound and outbound shipments cross the oceans daily. KLM Royal Dutch Airlines, with a wealth of experience behind it, is one of the more progressive international carriers of freight.

* *Boxcars in the Sky* is published by Import Publications and can be purchased by direct contact with this magazine.

Low Cost Air Service and Its Effect Abroad

by Juan Trippe
President of
Pan American World Airways

AIR transport made its first contribution to our commerce only 28 years ago. In those days an airline carried only mail. The route extended from New Brunswick in New Jersey out to Chicago and the West Coast.

I vividly remember the inauguration of the first scheduled flight by the then Postmaster General—Harry S. New.

The airplane was an old DH-4 of World War I vintage, with an old Liberty motor clattering away in its nose. The payload consisted of a few letters, which you could almost put in your hat. There were no airways. There were no radio beams and no other aids to navigation but a compass. There was no weather service to guide the pilot. All he had was an eye cocked aloft at the weather, and a prayer, as he took off on the adventure that was to end in a great new transportation system.

Our company's first service was a winter operation in Alaska. At that time, twenty-five years ago, transportation in Alaska during the long winter months was difficult indeed. Anybody wanting to go to Fairbanks or Nome, for example, would have to make arrangements with a dog team operator. That did not mean that he rode in the sled. He paid about ten cents a mile for the privilege of walking beside the dog team and spending his nights in a sleeping bag on the snow. A two hundred-mile trip was an adventure that might take two or three uncomfortable weeks.

Little wonder that when the airplane appeared, the passenger was glad to use it even though he had to ride with a cold nose in a single engine open cockpit job. And although he did have a cold nose, he did not have sore feet and he did not have to sleep in the snow.

That same year, our company was privileged to open the first international air service under the American flag. The plane was a three-motored Fokker F-7, the first multi-engine transport to fly under the American flag. The route was between Key West and Havana—a mere 90 miles over water. But those 90 miles otherwise required a

seven or eight-hour choppy boat ride. The new service was an immediate success.

That was in 1927. For the previous six or seven years the great European-flag lines—British Imperial Airways, Air France, the Dutch KLM, and Germany's Lufthansa—had been expanding throughout the world. They had an impressive and dominant headstart over our country's infant service. Their routes were penetrating beyond continental Europe across the Middle East and on to the great markets of the Orient. They were already operating in Latin America.

Six years later, however, our American-Flag air system had reached every capital in Latin America. A whole continent had been linked to the United States by air. But as yet the United States had no air connection with the Orient, as did Europe.

The ground organization for trans-Pacific service, however, was already underway. An expeditionary ship sailed from California in 1934, carrying some 500,000 separate items to build complete air bases on the desert atolls of Midway and Wake and at Guam and Manila.

A year later, the China Clipper was poised on her ramp in San Francisco Bay. She was the first four-engine aircraft produced anywhere in the world, designed to fly an ocean route. Under the command of Captain Eddie Musick, she took off on schedule, landing at Honolulu, Midway, Wake and Guam, and arrived safely at Manila.

We Americans were proud and thrilled that an airplane owned by an American company, built here in the United States by American workmen, flown by an American captain and an American crew, and operating under the flag of the United States, was the first to fly a major ocean in scheduled commerce.

Four years later the North Atlantic was also conquered. Again, the inauguration of service was preceded by base construction expeditions and survey flights. And, again, it was an American company, an American captain and

crew, and an American-built plane carrying the American flag that was the first to fly the North Atlantic, now crossed by 6,000 air passengers every week.

Our country's international air system became an indispensable auxiliary to our armed forces when the Japs struck at Pearl Harbor. I do not have to remind anyone how the Clippers rushed military cargoes to combat areas overseas; how air bases were built on Pacific jungle islands and other strategic points abroad, including South America, Africa and Asia; or how the Hump was successfully flown, linking beleaguered China with her allies.

After the war, there remained the task of girdling the globe with scheduled air transportation. Again, the honor fell to an American plane, with an American crew, when the Clipper America took off eastbound from New York on June 17, 1947, to inaugurate the first round-the-world civil air service.

Today, the contribution of international air service to world commerce can be measured in several ways. No part of the world is farther than 36 hours from Philadelphia. The airplane has opened new markets. It has created new industries at home and abroad. It has made personal salesmanship possible on a worldwide basis.

But perhaps the best measurement of aviation's contribution to world commerce is to be found in figures like these:

Today, more than half (54%) of all overseas travel to and from the United States is by air.

Today, more than half (52%) of all first-class letter mail to and from the United States moves by air in spite of the high airmail surtax.

International air cargo is also growing rapidly, each year showing a 25% increase.

All of this has been achieved by international aviation in the face of disturbed conditions abroad and despite the substantial contribution of the

(Continued on Page 80)

VIKINGS OF THE AIR

by

MILTON A. CAINE

Assistant Editor, Air Transportation



SOME of the same spirit that brought Lief Ericson to these shores about 400 years before Columbus seems to have been transmitted down the ages to the fliers, officials and other personnel responsible for pushing Scandinavian Airlines' transports to the far corners of the earth. Possibly it has something to do with the idea of conquering space, but whatever it is, that spirit has since become airborne and lifted cargo and passengers with it in ever-increasing numbers.

Scandinavian Airlines System is the all-embracing term used to designate the combined fleets of Danish Air Lines, Norwegian Air Lines and Swedish Air Lines ABA. Together, the three airlines show the world, so full at present of international discord, how three nations can cooperate for the mutual benefit of each other. For a considerable amount of pride and prejudice had to be overcome before SAS could successfully begin operations, and historic, cultural and economic differences all had to be ironed out so that SAS could prove profitable to the three nations concerned. And after constant planning, the various differences were all made smooth; for the SAS Vikingships are to be seen at all the world's largest airports.

As far back as 1939, the idea for a joint transatlantic operation was discussed and considered. However, the Second World War interfered, and the plan could not be put into effect until August, 1946. True, preliminary groundwork was thus laid with greater care and planning than might have ordinarily been allotted, still the efficient organization that SAS hoped to be could not be begun once V-E Day was declared. In fact, the complete merger of the three airlines was not accomplished until February of this year, although the success of the enterprise

had proved itself long before this date.

Scandinavian is jointly owned by the three participating airlines and the three governments to which they belong. Fifty per cent of its capital has come from private investment, the rest from the three Scandinavian governments. The governments, nevertheless, do not interfere with operation of the airline; it has always been privately managed. The company is led by a board of directors consisting of three persons who are nationals of the country they represent. Chairmanship is rotated annually, and the head office is maintained in Stockholm, with subsidiary organizations listed in New York City and London.

Cargo-wise, SAS has managed to score up a few interesting figures for itself. Although SAS is predominantly a passenger line, it is now finding, as, in fact, all passenger lines are finding, that cargo is becoming a lucrative source of business. For instance, during the first nine months of 1951, Scandinavian airlifted 889,767 pounds of eastbound freight. This figure, though comparatively small, actually represents a 96% increase in the eastbound freight total over 1950, and the 1950 total doubled that of 1949. At present, the percentage increase appears more impressive than the figure of actual poundage flown as freight, but then, the entire air cargo industry has still a long way to go before its full potential is realized by either shippers, manufacturers, air carriers and all other personnel either closely or remotely connected with it.

Reason for the prodigious leap in percentage of freight carried by SAS would be too complicated to list entirely in these pages. However, part of it is directly attributable to the rate adjustments made progressively in 1948 and 1949 that opened both Switzerland and

Germany to Scandinavian Airlines, and another part is that SAS air freighter service was not earnestly begun until late in 1950. Considering these, it then becomes almost astonishing to note that two all cargo trips are made weekly by SAS.

Naturally, the types of items carried change in proportion to their volume from time to time. Almost all commodities, except auto-parts, have shown a marked increase during the past two years. Proportionally, however, nylon hose, which, two years ago, figured over 60% of Scandinavian's eastbound load, is now down to 40%. Chemicals and pharmaceuticals, on the other hand, have more than doubled; so has machinery.

Other shifts relative to air cargo transportation are also noticeable. New York, for instance, has slowly diminished as a center of eastbound routing control, and Germany, as a destination, has gradually risen until it is very nearly, though not quite—yet, the most important in all Europe. However, although New York is slowly diminishing as a center, more than 60% of all eastbound air freight can still be controlled there.

In a large measure, Scandinavian Airlines' activity as a freight carrier is hampered in that the quantities of cargo it can carry to the Middle and Far East are strictly limited. If changes are to occur at any time concerning these limitations, they will be the direct result of the world situation, particularly as it applies to, or stems from, the Middle and Far East.

But no matter what the world situation comes to, Scandinavian will continue as it has, to fly to the far ends of the earth, moving cargo and passengers wherever they have to go, easily, speedily and, as ultimately proves out, as economically, as possible.

Where civilization once feared to tread
in British Columbia, it is now being flown in by...

QCA...Vancouver Workhorse

NOTHING is more surprising in this present Air Age than to find that business still casts a wary eye on aviation. In America, despite the soaring advances made in flying cargo and passengers, some businessmen still consider aviation a risk and stick to slower surface transportation. In Canada, the general tendency appears to be anti-progress. Banks hesitate to finance airlines, and manufacturers hesitate to use them. Such, at least, has been the case with Queen Charlotte Airlines, the third largest air carrier in Canada.

Tough Situation

The situation in Canada is such that Canadian airlines of even the size of QCA must rely on war surplus equipment, a good deal of which, by American standards, is outmoded. Needless to say, this lack of more modern equipment has hampered the growth of Canadian aviation. QCA, which has been in operation only since 1945, feels itself seriously hampered by this attitude. And yet QCA has been able to grow in spite of it.

Canada's third largest carrier originally began as the experimental subsidiary of a radio company. In 1945, however, Spilsbury & Hepburn, Ltd., applied to the Air Transport Board for a license to fly a non-scheduled charter air service at Vancouver. That was the beginning.

Operating out of Vancouver Airport, Queen Charlotte Airlines now extends its services along the British Columbia coast and to the logging, fishing and mining companies that thrive there and

in the adjacent islands all the way up to the Alaska border. Scheduled routes for QCA were established in 1947 to such locations as Comox and Nanaimo. In the same year flights were begun to Alert Bay, Minstrel Island and Sullivan Bay. One year later, scheduled flights were made to the west coast of Vancouver Island. The number of flights and routes have increased with the years, but more significantly, so too have the number of freight and passengers carried by QCA.

Over 500,000 pounds of freight were carried by QCA in 1950. The passenger total for that year came to 50,000 persons. QCA's Nanaimo run alone once averaged 300,000 pounds of freight volume. Cargo for QCA varies with the different requirements of British Columbian industries. Sometimes stretchers, oxygen and blood plasma constitute a large portion of its cargo; for hospitals in British Columbia are separated by immense stretches of wilderness. More likely, however, cargo will consist of heavy pieces of machinery that help keep industry going.

Outlying Regions

By American standards, the volume of cargo and passengers carried by Queen Charlotte Airlines is pitifully small. But other considerations tend to alter the situation considerably. Besides the aforementioned lack of confidence in air shipping that exists in Canada, there is also the pertinent fact that Canada in general is not a densely populated country, and that British Columbia in particular is even less densely populated than Eastern Canada.

These two factors alone would be sufficient to discourage any carrier from inaugurating operations there, but the need for a carrier in just such places is often greater than it is in more crowded areas, and QCA has filled this need more than adequately. More often than not, this airline is the only contact that the lumber camps and fishing villages dotting the coast of British Columbia have with the rest of the world. To the people of these settlements, QCA therefore plays a vitally important role. It has helped stretch civilization over a wider area, to the profit of industry and the Canadian populace.

Progress

There is, in addition to the main body of QCA based at Vancouver Airport, a northern extension or division, based on Prince Rupert. This northern arm of QCA serves Stewart and several points in the Queen Charlotte Islands on a non-schedule basis. In the summer months, flights leave daily to carry supplies to government survey parties, hunters of big game, and, of course, to the mining camps in that region.

Queen Charlotte Airlines has consistently maintained a policy of increasing the number of flights made on each route as well as establishing new routes to fly. Part of its expansion program includes extending its service down to Port Angeles and Bellingham, in the United States, and up north to Ocean Falls.

Jim Spilsbury, president and general

(Concluded on Page 81)

FLY
YOUR
SHIPMENTS



FLY
YOUR
MAIL

VOL. 19

NOVEMBER, 1951

NO. 5

East-West Directional Rates Extended One Year by CAB

BURBANK—Both the Flying Tiger Line and Slick Airways have received approval from the Civil Aeronautics Board for an extension of their directional commodity rates. These rates will be extended at least another year, it has been announced.

Directional commodity rates, under which airfreighters have shown the greatest gains are reduced freight charges on a large volume of commodities moving from West to East. Such rates tend to overcome the back-haul problem of transcontinental carriers whose westbound flights carry more freight than their eastbound flights. Directional rates were introduced to develop traffic in one specific direction, west-to-east.

Altogether, the rates affect 33 items, which are separated into two groups. Each group carries a different rate, which ranges from 60 percent to 75 percent of the first class rate.

Reduced Rates From West Encourage Shipping By Air

George T. Cussen, sales vice-president of the Flying Tiger Line said that, "With the board's approval for an extension of these rates, we expect to see very large gains again in the next year." Studies conducted by Cussen's company showed that unused space on eastbound flights in the first quarter of 1951 had decreased from 38 percent to 30.6 percent in comparison with the same period of the previous year. Freight moving under the directional rates had jumped from 18 percent of the total load factor to 48 percent, or from 265,000 pounds to 1,090,000 pounds. Cussen added, "our experience with the directional rate program is extremely encouraging and the CAB extension will take it out of the experimental stage and permit us to develop its potential to the fullest."

It was further noted that besides the substantial savings in rates transmitted to the shipper (almost eight cents per pound on 100 pound rates) service has also improved. The Flying Tigers' transcontinental schedules alone have grown from two flights daily to eight, and their ton miles have more than doubled.

National Sets Up Bureau

NEW YORK—National Airlines, in a move calculated to win new friends and customers for itself, has established an Industrial Information Bureau. Main concern of this bureau is to assist business concerns in relocating their operations along National's system cities.

Atomic Aircraft Plans Set

FORT WORTH—Four separate agencies are combining their efforts to produce America's first atomic powered airplane. Development of this airplane is the joint responsibility of both Consolidated Vultee, which will be concerned mainly with developing the plane; and General Electric, which will be responsible for developing its nuclear propulsion system. However, both companies will be working closely with the Atomic Energy Commission and the United States Air Force. Although both the Atomic Energy Commission and the Air Force have both stated that an atomic-powered plane will be a reality in the future, no disclosure was made as to an expected date for this eventuality. Convair had previously participated in the Nuclear Energy for Propulsion of Aircraft (NEPA) project concluded earlier this year.

Flight Cancellations Reduced With New Ignition Analyzers

ST. PAUL—Ever present in the aviation industry's effort to speed the flight of cargo and passengers has been the urge to guarantee safety for anything or anybody flown. Improvements constantly are being made in design and mechanism to reduce all possible risks and hazards. Now the Sperry Gyroscope Company has come up with an "ignition analyzer" that will allow flight engineers to detect immediately any ignition irregularity in their engines, even while in flight.

Operation of the analyzer is fairly simple. The flight engineer turns a selector switch, peers into a scope, knows immediately whether his spark plugs are firing properly. If any irregularity is detected, ground maintenance crews can be notified immediately and told exactly where to locate the trouble as soon as the plane lands. Location of the source of trouble, which might ordinarily take several hours, or even days, is now spotted in a matter of seconds. And while the malfunction of a spark plug or two, or even a group of them, when big airliners have four engines with 56 spark plugs in each of them, will not affect the operation of a plane, the savings in time and maintenance expenditures with the new analyzers is prodigious.

Records held by the Civil Aeronautics

Plan British World Routes

LONDON—Chairman of British Overseas Airways Corp., Sir Thomas Miles, revealed that within a few years BOAC will be operating two globe encircling routes designated as "All-Britain." One will circle the northern hemisphere via the North Atlantic, Canada, and the North Pacific to meet existing service to Tokyo, the other will link Australia with Great Britain by eastabout and westabout routes. Both British Commonwealth Pacific Airlines and Qantas Empire Airways, associates of BOAC, will operate in this latter route.

Fish Flown to Aid Haiti

PORT-AU-PRINCE—From the breeding ponds of the United States Fish and Wildlife Service at Marion, Alabama, a shipment of 12 cans of live carp fingerlings were flown to this city. This was the first of many shipments planned to increase the food supply of Haiti; others are soon to follow.

Supervision of the shipment of the young carp is being conducted by Dr. Luis Rivas, of the University of Miami's Marine Laboratory. He vividly recalls that 13 years ago, he had performed a similar service in Cienfuegos, Cuba. Then a Pan-American Airways Clipper flew a cargo of black bass fingerlings to Barranquilla, Colombia.

Association show that from 20 to 50 percent of delays in schedule flights are due to engine and engine accessory troubles. Fifty percent of those troubles are due to ignition irregularities, and most of the remaining portion is caused by valves. Maintenance crews have had to tear down an entire ignition system to find, perhaps, just the one bad plug. Now it can be detected at a glance.

According to Don O. Benson, manager of engineering at Sperry, the analyzer is an "application of a cathode-ray oscilloscope which picks up the electrical discharge from individual spark plugs as it occurs. An analysis of the type wave-pattern picture appearing on the indicator enables the flight engineer or ground

(Concluded on page 13)



Mr. A. Tee Presents FACTS and FIGURES

AIR FRANCE: Totals resulting from a business transacted in 1950 have only recently come in from this carrier, but the figures are sufficiently impressive to be listed here. To the increase of 19 percent in the number of passengers carried (flown) during 1950 is added an increase of 21 percent in freight tonnage carried, and a 20 percent increase in mail. Profits during that period are listed at 10,325,595 francs.

All-American Airways: For this year, All-American can show a profit of \$4,660 as opposed to the previous fiscal year's loss of almost \$400,000. Average monthly passenger totals have been tabulated at over 15,000 per month, with the June totals marking a new high of over 22,000 passengers for this carrier.

Avianca: No scheduled or non-scheduled air carrier can lay claim to such grand totals as these, boasts Avianca. In the first six months of this year, 61,532,160 pounds of revenue cargo were flown in scheduled operations. All of 95 percent of this figure moved within the borders of Colombia alone. Broken down, this figure gives a monthly average of just over 10,000,000 pounds, or 170 tons per day. In comparison with last year's cargo total for the same period, this latter total represents an increase of 51 percent. Cargo therefore accounts for 53 percent of this carrier's complete operations. Avianca is justifiably proud of its new figures.

Flying Tiger Line: Summarizing the company's six years of operation, earnings for 1950-51 were nearly three times as much as the total gross revenue of the carrier's first year of operation. This period also marked the third consecutive year of profitable operation, the longest earning record of any airfreight carrier. Figures computed at the end of the fiscal year showed that the Tigers are flying more than 1,600,000 miles in freight and contract operations in an almost world-wide area of operations.

National Airlines: Net earnings after taxes totalled \$2,589,073 for the fiscal year ending June, 1951. This sum was five times the net earnings for the previous year. While the increase of passenger miles came to a gain of 62.33 percent, cargo, both freight and express, jumped to 79.97 percent over the previous year's record of ton miles flown.

ABC AIR FREIGHT CO., INC.
Domestic Air Forwarders
Door-to-door Overnight Service
New York to
CHICAGO—DETROIT—CLEVELAND
and all principal cities in
U.S.A.
Also CHARTER SERVICE
495 W. 37th St., New York
BRYANT 9-5340

PLETE INTERNACIONAL CORP.
110 BROAD STREET • NEW YORK 6, N. Y.
INTERNATIONAL AIR AND OCEAN
FREIGHT FORWARDERS
Telephone HAMMER 2-5844
IATA Recognized FMB No. 1319

Cargo Flights Restored

NEW YORK—James A. Wooten, U. S. Airlines' new chief executive has hailed the reopening of this carrier's daily freight flights between New York and Miami. This operation was temporarily suspended during the reorganization of management that had taken place within U. S. Airlines.

Southbound freight flights now leave Newark daily at midnight and reach Miami at 7 A.M. Northbound flights originating from Miami start at 5 P.M. and reach the northern terminus at 7 A.M.

Airports Expand All Facilities For Future Growth of Air Cargo

by L. A. Goldsmith, Economic Analyst,
Air Transportation

NEW YORK—In a recent luncheon meeting of the Export Managers' Club of New York considerable attention was given to the fact that the leading airports of the country are all expanding in a proportion commensurate with the growth of air cargo transportation.

Alfred N. Wiley, Transportation Analyst, Department of Airport Development, Port of New York Authority, was the speaker at the assembly held mainly to emphasize some of the current procedures employed in air shipping by an ever-increasing number of business concerns. As part of the airport expansion program, Mr. Wiley referred specifically to the New York International Airport, in which the meeting was being held, as well as to airports in Philadelphia, Baltimore, Washington, Pittsburgh and San Francisco, which were all engaged in expanding their facilities to meet the demands of this growing industry. "These facilities," Mr. Wiley stated, "are not being built as monuments to aviation but as useful tools of commerce."

For the edification of the managers present, some samples were cited of the way air commerce has helped discover natural resources (by aerial surveys) and the various methods employed in shipping freight by air. Various combinations of surface and air transportation predominated, but there was also a noticeable trend noted in the use of all-air shipments. Stress was placed by Mr. Wiley on the diversity of material that increasingly are being shipped via air. Drugs and pharmaceuticals, especially those going to Latin America, it was

Manila Announces New Plan

MANILA—Under an agreement entered into by carriers of both the United States and the Philippines, airmail carried between the two nations will be flown on a reciprocal basis. Formally, the arrangement had been for United States carriers to fly the mail exclusively to the Philippines while Philippine Air Lines alone brought in the mail from Manila. For the present time, mail from Manila will be carried only by Pan American World Airways.

The new arrangement has been in operation since October first. Also since that date scheduled flights in either direction between San Francisco and this city have been raised from two to four weekly. However, it was disclosed that not all of the airlines flying to the Philippines are part of this agreement.

noted, are going by air more frequently and in greater volume than previously.

A tour was made, after the luncheon, around Idlewild Airport for a more graphic presentation of the new facilities that Mr. Wiley had previously mentioned. "The Port Authority Hangars," he pointed out, "cost nine million dollars. This is only a sample of the same type of expansion that is taking place nationwide."

Safety Maps for Aircraft

MONTREAL—To further the interests of aviation by improving safety conditions, production of maps showing dangerous obstructions around international airports is up for discussion by the Maps and Charts Division of the International Civil Aviation Organization. Such hazards as tall buildings, mountains, poles and power lines, which might interfere with air traffic will all be listed on the maps, to safeguard passengers and shipments. Production of these maps is a tentative project at present under discussion at this city.

LAMSA Extends Its Route

CHICAGO—California and the Pacific Northwest have been linked with Mexico by the recent route extension of LAMSA, Mexican subsidiary of United Air Lines. LAMSA (Lineas Aereas Mexicanas, S.A.) now flies its route from Tijuana, approximately 16 miles below San Diego, into Central Mexico. The complete length of its run is 3,300 miles. Tijuana is the southern terminus of United's Pacific Coast system which stretches as far north as Vancouver, B.C. With the new southern extension of LAMSA's route, air travel is now possible for the first time between coastwise areas and the Mexican interior.

WANTED - AIRCRAFT PARTS
AN fittings & hardware Electrical parts
Pulleys & bearings Engine parts
Accessories & components Instruments
Aircraft material of every nature
Will purchase complete inventories or individual items. Send your listings or samples to:
COLLINS ENGINEERING COMPANY
9050 Washington Blvd. Culver City, Calif.

Ignition Analyzers

(Continued from page 11)

mechanic to determine visually the functioning of the spark plugs.

"Such malfunction as small or large gaps, fouled plugs, and certain malfunctions of the magnetos and other parts of the ignition system such as shorted condensers or mistiming of the magnetos, will register a specific wave-pattern picture on the analyzer screen."

Results of the ignition analyzer, tested for one year showed that delays due to ignition difficulties averaged 28.1 percent less and cancellation of flights averaged 34.4 per cent less on the test plane than on any other.

Among the first of the airlines to use the analyzer extensively, Northwest Airlines has recently installed the analyzers in ten of its Boeing Stratocruisers at a cost of more than \$72,000. Officials of the carrier, however, estimate that the analyzers will pay for themselves in nine and a half months through savings of maintenance costs. The use of the analyzer is expected to save the airline \$65,000 a year, a saving that will be transmitted back to the shipper of air freight in the form of an even higher degree of safety and speed than has previously been realized.

New Planes for American Double Its Cargo Capacity

NEW YORK—When its orders for both DC-6Bs and DC-6As are delivered, American Airlines will have doubled its cargo capacity and increased its number of passenger seats by 37 percent. DC-6A Airfreighters carry 27,000 pounds of cargo, and DC-6Bs carry 52 passengers and 8,000 pounds of cargo, exactly double that of the D6-6s. Six of the former planes have been ordered, and twenty-four of the latter.

Preceding the order for these planes, American had also ordered 17 DC-6Bs. These 47 planes, it has been noted, have a greater capacity than the 60 planes from civilian industry now in contract operations on the Korean airlift.

Plans are not being made at American for conversion of these planes into jet transports. Rather, this carrier prefers to purchase jet planes when they at last become available. C. R. Smith, president of the airline, claimed, "Experience indicates that when a new source of power is developed the best result is obtained by designing new airplanes, equipped to utilize that power most effectively."

CAA Sells Surplus Planes

WASHINGTON, D. C.—Three surplus war planes were sold to three air carriers for the combined price of 800,000 dollars. The planes were sold by the Civil Aeronautics Administration and consisted of a Lockheed Constellation and two C-54s. The former plane went to Trans World Airlines, and the C-54s to Eastern Air Lines and Trans Ocean Airlines. The CAA advertised them for sale after a survey showed that these planes were not currently needed by the military or any other government agency.

Air Parcel Post to Taiwan

NEW YORK—Effective as of the 29th of last August, air parcel post service was resumed to Taiwan (Formosa), China. Air parcels sent to Taiwan are limited to 22 pounds in weight, and are subject to the rate of \$1.43 for the first four ounces and \$1.08 for each additional four ounces.

MATS Get Iceland Base

KFLAVIK—At the expiration of its contract, Lockheed Aircraft Service, Inc. has turned over operation of the US Air Force base here to the Military Air Transport Service. Coincidental with this, commercial air operations at the international airport were taken over by the Icelandic government, it has been announced.

Navy Extends TAL Contract

OAKLAND—Orvis M. Nelson, president of Transocean Air Lines, announced a six month's extension of the carrier's contract to provide linehaul and bush flying service in the Arctic Circle for the United States Navy. The contract was originally awarded to Transocean in June, 1950, and it expires December 31, 1951. This contract provides the Navy's Petroleum Reserve No. 4 with its only transportation. Food, supplies and medicines are flown in, and workers and Eskimos are speeded to hospitals when necessary.

IATA Elects New President

LONDON—Chief among the administrative issues decided upon by the recent London sessions held here was the election of Dr. Walther Berchold as president of the International Air Transport Association. Dr. Berchold is also the president of Swissair. He will take office when the Eighth Annual General Meeting opens in Switzerland in the fall of 1952.

Among the major questions brought under discussion during the last General Meeting were those concerning the introduction of jet aircraft into scheduled transport service, and the introduction of tourist fares on key world routes.

Air Volume Up At Oakland

OAKLAND, CALIF. — Substantial increases in air transportation at this city were gained during the first half of this year. While the increase of passengers at this airport jumped 70% for just one carrier—United Air Lines—cargo jumped a mere 7% and express 36% over last year's percentages.

Officials of this city feel that these figures indicate the growth of Oakland as a leading air terminal and the growth of air transportation as an industry. To carry the increasing volume of traffic, United has added more planes and raised the number of flights starting or ending in Oakland.

When time means money



SAVE TIME WITH SPEEDBIRD AIR CARGO SERVICE

Fast B.O.A.C. Speedbirds fly air cargo to major countries and cities around the world—with one Air Waybill all the way! And B.O.A.C. offers—

- Fast, dependable flight schedules, skilled air cargo handling, insurance and re-forwarding services.

Consult your broker or contact B.O.A.C. direct at 342 Madison Ave., New York City 17. MUrray Hill 7-8900.

B.O.A.C.

BRITISH OVERSEAS AIRWAYS CORPORATION



FREIGHT TRAFFIC MANAGEMENT

Home Study & Resident Courses

AN UNCROWDED FIELD THAT OFFERS YOU A FUTURE Practical training as well as theory—by capable men daily engaged in Traffic Management. Excellent job opportunities. Courses: General, Advanced, Air Cargo, Export and Import, Motor Carrier, I.C.C. Practitioner.

WRITE TODAY FOR FREE BOOKLET Y
33rd year Veterans' Inquiries Invited

TRAFFIC MANAGERS INSTITUTE

CENTRAL OFFICE: 104 Nassau Street, New York City.
BRANCH OFFICES: 294 Washington Street, Boston, Mass. 10, 18th Street, Philadelphia, Pa.



The numbered paragraphs below correspond with the numbers appearing in the coupon on this page. To order one or more pieces of literature, or other types of material, at *absolutely no charge to you or your firm*, just encircle the corresponding number in the coupon, fill in the required information, and mail it in. *Air Transportation* will do the rest of the job.

1 A handsome, illustrated booklet containing all the information on the new hydraulic lift trucks developed for easy handling of heavy loads. 16 full pages of facts and pictures.

2 Handy little chart which gives air parcel post rates for all eight postal zones in the United States.

3 *Speed . . . in Photo and Fact*, another of the interesting booklets depicting the particular values of air express.

4 24-page catalog in color illustrating the new line of Barrett hand lift trucks. Well illustrated.

5 Pictorial progress during 50 years in the life of the American Box Company, manufacturers of wooden and wire-bound boxes and crates.

6 Sample back number of the *American Import & Export Bulletin*, giving news of developments in the foreign trade industry. Covers Customs, Commerce, Agriculture, Treasury, and State Departments thoroughly. Reports on changes in laws, rules, regulations, etc.

7 Illustrated and fully described in a six-page folder are facts for the shipper and packer interested in strapping, seals, tensioners, sealers and accessories. The products are for banding all types of packages, bales, boxes, pallets.

8 A handsome, eight-inch, plastic rule, also showing the metric scale on the reverse side. This is offered by a well-known freight forwarding firm. If you want more than one, please specify on coupon.

9 Here's a handy gadget being distributed by a prominent freight forwarding firm. It's a combination key ring and auto license holder which fits neatly into your pocket.

10 Both entertaining and educational, a 20-minute color and sound film is available to clubs, schools, business groups and television stations. It shows how business airplanes help industrial leaders save time. Highly informative.

11 A new eight-page specification booklet listing the advantages of the new fork lift trucks. Dimension draw-

ings show their maneuverability, detailed specifications allow comparisons with other trucks. Complete in every detail.

12 *How To Help Your Post Office Help You*, a new booklet, copiously illustrated and designed to help accelerate postal service whenever necessary. It will prove timely and valuable to parcel post shippers as well as to users of regular letter mail.

13 For those whose trucks are a vital part of their business, a new, large, 16-page booklet is ready to help keep them rolling. Fifty-one illustrations with explanatory text will show you how to prevent truck failures and save on overhaul expenses.

14 Literature describing a new-type gummed tape dispenser which is operated like a telephone dial, measuring and cutting the tape accurately while moistening it.

16 *Units of Weight and Measure, Definitions, and Tables of Equivalents*—a valuable 68-page book for all shippers. Handsomely put up with leatherette cover.

18 An attractive and valuable wall chart in color, showing the proper procedures in storing gummed tape, the use of automatic dispensers, and the application of gummed tape. Should be on the walls of all shipping departments. Illustrations tell the story in a glance.

19 Complete information concerning five new fork lift trucks is now available for all shippers interested in improving their line of trucks with an eye toward speed, efficiency and maneuverability.

20 A complete directory of all Rail way Express Agency offices which provide air express service. Offices are listed alphabetically to facilitate detection.

21 If you're a shipper you'll like this gadget. It's a dial-type estimator which places air express rates at your fingertips. How many does your office require?

22 General information and air freight rates of British Overseas Airways Corporation. Includes such information as charges for Customs clearance formalities in the United Kingdom, transshipment charges, prohibited articles, etc.

23 1951-52 edition of the *Missouri Airport Directory*. Contains an aerial photograph of every airport in the state open to public use, as well as pertinent information. 100 pages.

24 A job study showing how an Albany manufacturer of cleaning products increased plant capacity 400% with a carefully planned integrated handling system.

25 *Off the Cuff*, an informational magazine produced by a leading

SERVING NEW ENGLAND EXPORTERS AND IMPORTERS

Through its Foreign Department the State Street Trust Company has long been privileged to share in the development of New England's foreign trade. Inquiries are invited from firms or individuals seeking financial co-operation in connection with overseas commerce.

State Street Trust Company

BOSTON, MASS.

Main Office: Cor. State and Congress Streets

Union Trust Office: 24 Federal Street

Copley Square Office: 587 Boylston Street

Massachusetts Avenue Office:

Cor. Massachusetts Avenue and Boylston Street

Member Federal Deposit Insurance Corporation

manufacturer of materials handling equipment. Well illustrated.

26 Descriptive brochure on the brand new book, *Boxcars in the Sky*, which tells the thrilling story of commercial and military air cargo, from A to Z. This volume is the first of its kind published anywhere.

27 *Travelers' Facts About South America*—for the green visitor to the southern continent who requires all types of information concerning the various countries and how to prepare for his trip. The business air traveler will find this 28-page booklet valuable.

28 *Your Foreign Shipping Handbook*, a descriptive booklet, in color, issued by the Foreign Traffic Department of American Express. Introduces in graphic form the various services of the company's international shipping setup.

29 Here's a handy pocket-size weight converter, which will translate kilograms into pounds, and pounds into kilograms. Don't forget that some countries figure their weight in kilos. You'll make use of this.

30 *Gourmet Guide to Good Living in South America*—a 55-page booklet which presents the business air traveler with all the necessary know-how relating to foods, restaurants, hotels, clubs, etc.

31 *What to Expect from Wirebounds*—an attractive booklet which presents the construction principles of wire-bound boxes and crates. Includes 24 case studies.

32 *The Picture Book for Parcel Post Shippers*—an illustrated booklet explaining economies in metered parcels.

33 TWA's *Air Freight Fact File*, which includes route map, air freight office phones, rates, etc.

34 Consular Documentary Requirements and Charges, as prepared by one of the leading air freight forwarding firms. Valuable for international shippers.

35 Latest issue of *Industrial Review* which highlights the advantages gained through the use of a certain specialized packing tape.

36 Latest issue of a valuable magazine which includes many useful tips on the use of steel strapping in packaging shipments. Well illustrated.

37 A chart showing step-by-step instructions for sealing Vs and W cartons with tape to meet Government specifications. Ten steps are depicted. Includes sealing a carton's innerliner and outer seams, and covering and protecting carton labels. A handy reference.

39 *Peggy and Mado*, an unusual comic-type booklet which does a terrific job explaining how a four-week vacation can be spent in France.

41 Latest issue of *Handling Materials Illustrated* which offers actual case histories to those who are engaged in the handling of various types of shipments.

43 Here's the very latest issue of the New York State Airport Map and Directory. This is a revision of the last map offered in these columns.

MAIL THIS COUPON TODAY

SPECIAL SERVICE DEPARTMENT

19-5

AIR TRANSPORTATION

10 Bridge Street, New York 4, N. Y.

Gentlemen:

Please send the free literature indicated below to the following:

NAME

TITLE

FIRM

ADDRESS

CITY ZONE STATE

1 2 3 4 5 6 7 8 9 10 11 12

13 14 15 16 17 18 19 20 21 22 23 24

25 26 27 28 29 30 31 32 33 34 35 36

37 38 39 40 41 42 43 44 45 46 47 48

Place a circle around your selection.

Packaging Course Offered

NEW YORK—Material handlers, students and the general public can now benefit from the advanced and practical experience of packaging engineers. Columbia University's Department of Industrial Engineering, has started a course of fifteen lectures on Package Engineering that will be presented entirely from the engineering point of view. Eleven prom-

inent authorities, four trade association executives among them, will discuss materials handling, packaging and packing techniques. The course is being given under the supervision of Professor Frederick C. Winter.

Course I E 247, as it is called, is open to all who may be interested. This includes students earning credits for their bachelors' or masters' degrees as well as all others engaged in packaging.

"Airlift"
your freight
by Seaboard & Western
"Air Traders"
to Europe and
the Middle East

SOW
REGISTERED REGULAR COMMON CARRIER

SEABOARD & WESTERN AIRLINES INC.

80 Broad St., New York 4, N. Y. • Phone WHItell 3-1500 • Cable SEATERNAIR

Small Carriers are Big Bu

Cyprus

CYPRUS AIRWAYS ...

a small airline in the

Mediterranean that

does a big job

ON SEPTEMBER 24, 1947, the island of Cyprus in the Mediterranean formed its own airline. Previously, Cyprus had been a port of call on trunk air routes; in 1947, however, Cyprus made a bid for independence as an air carrier in its own right, and Cyprus Airways Limited was formed.

Originally 40% of its shares were held by Cypriots—as natives of Cyprus are called—20% by the Cyprus government, and 40% by British European Airways. Today, with its issued capital increased, the present division has changed to 25% Cypriots, 30% Cyprus government, and 45% British European Airways.

From the beginning of October, 1947, to the following April, the Athens-Nicosia sector, Cyprus Airways' one route, was operated by BEA under charter to Cyprus Airways. When, in April, the charter ended, Cyprus Airways began its own services with a fleet of DC-3s. Its Nicosia-Athens route was supplemented with BEA connections to Rome. Its other routes were Marseilles (later switched to Nice) and London; Nicosia-Ankara-Istanbul;

Nicosia-Beirut; Nicosia-Lydda, and Nicosia-Alexandria-Cairo.

In 1949, Cyprus Airways began its flights to Rome; in 1950, two additional DC-3s were purchased, and two new routes were opened, extending the carrier's flights to such places as Khartoum, Baghdad, Bahrein, and Jerusalem. Applications have been made for more routes in the Middle East. The answers to these applications, however, have not yet been made known.

At present, Cyprus Airways operates a fleet of six DC-3s. Only during its first full year of operation did the airline lose money. Since then, there has been a consistent gain in the volume of freight and mail, and the number of passengers carried, as well as in the amount of profits accrued by this small carrier. The difference between money lost during its first year of operation and the money gained in its second year came to £28,409, a figure indicative of Cyprus Airways' growing importance in the Mediterranean sector.

Nicosia Airport is, of course, the home base for Cyprus Airways. However, flight control at Nicosia Airport is the responsibility of the Royal Air

Force who, jointly with Cyprus Airways, operates the landing field. Six other air carriers also use Nicosia's facilities frequently. Among the constant visitors there are: Middle East Airlines, Devlet Hava Yollari (Turkish Airlines), Misrair, Air Jordan, Hellenic Airlines and El Al.

Until recently, BOAC had been using the field, and occasionally BOAC airplanes can still be seen there; for Nicosia Airport is now used by BOAC only as an alternate field on its Cairo route when, on some rare occasions, the Farouk Airport is closed in by weather.

Forming an important part of British air transportation, Cyprus Airways feels secure in its position as carrier in the Middle East. With the possibility of expanding its routes, with its constantly increasing cargo and passenger traffic, Cyprus Airways has successfully fitted itself into the picture of international air transportation. The place it occupies may not be large, as new concepts of size and area go, but it forms another link with the Near and Middle East, and as such performs a valuable service in the interests of air trade and traffic.

Business in the Orient, Too

Indonesia

GARUDA INDONESIAN AIRWAYS . . .

the bird of Vishnu brings

new service to

an old land

IN A LAND where the ways of antiquity commingle with the methods of modern civilization, the airplane has become as familiar as the ox. The Republic of the United States of Indonesia, keeping abreast of the latest developments of Western civilization, has become a land of startling contrasts, where bulldozers ride beside ox-carts and DC-3s belonging to Garuda Indonesia Airways soar by overhead.

Garuda is a word taken from Indonesian folklore. In old Hindu Myths, the Garuda bird is the conveying spirit upon which the god Vishnu rode. To the Indonesians, it represents wisdom and strength; it is a symbol of speed. Thus the old and the new have again been mixed, as they constantly are throughout Indonesia, giving familiar terms to modern concepts in order to ease the flight of progress.

Aviation is nothing new to the Indonesians, however. When Indonesia belonged to the Netherlands, scheduled air services out of Batavia (now Djakarta, the capital of the country) were flown regularly by the Royal Netherlands Indies Airways as far back as 1928. Interruption of this service, which had been expanded during the next decade, was effected by the Japanese occupation and maintained until after V-J Day. Later, air connections were

reopened by the Dutch military forces succeeded eventually by KLM. When Indonesia was granted its own sovereignty from the Netherlands, Garuda Indonesian Airways took over all the existing establishments, equipment and air routes formerly operated and managed by KLM. Fully equipped, the new airline got off to a good start. Garuda Indonesian Airways began operations with a fleet of 12 Douglas DC-3s, 13 Douglas Dakotas for freight transportation, and eight Catalina amphibian planes to service the many islands in eastern Indonesia where regular airstrips have yet to be built.

Most of Garuda's traffic is devoted to its domestic lines, especially on Sumatra and Java. To Surabaya, the country's second largest city, six scheduled flights take place daily. Connections are, of course, maintained from Djakarta to most of Indonesia's important cities as well as between Djakarta and Manila, Djakarta and Singapore and Medan and Singapore.

According to Garuda's statistics, during the first three months of its existence, the airline carried 78,000 passengers and four million kilograms of freight and mail. These figures, Garuda claims, are constantly increasing. Frequently, there have been periods when Garuda's entire fleet was overtaxed, and

the carrier had to resort to outside aid. During one such period, a Douglas Skymaster was chartered from KLM for three months to meet the overload emergency. Immediately afterwards, eight Convair-Liners were added to Garuda's fleet. At other times, specially chartered freight flights are made when the government or private individuals have urgent shipments of foods, supplies or medicine to be moved to the widely scattered regions of Indonesia.

Indonesia is intent upon progress. It has already discovered that progress depends upon air transportation development, modernization, stabilization are all vastly facilitated when food, medicine, freight and labor can be moved quickly to any part of the country. The airplane has now become Indonesia's most useful tool. In 1950, a total of 32 airports or air stations were connected by the scheduled flights of Garuda's planes. Garuda is also the first airline in the Pacific area to use the Convair-Liner.

At Kemojoran, the larger of Djakarta's two airports, which is the base of Garuda's area of operations, several different airlines all bring their services to and through Indonesia. The carriers who stop here are KLM, BOAC, Qantas Empire Airways and Malayan Airways.

airport

U.S.A.

from apples to zebras, just about
everything goes via air these days
and size and weight are no object
... air cargo gets it there first



Cargo packed in cartons or crates generally aren't very pretty. Neither are bulky shipments of machinery. Slick Airways has handled every kind of air cargo, but this golden Palomino colt, one of the most beautiful and valuable breeds in the world, was the first Slick has carried. This gawky youngster was presented as a gift to Ted Mack, radio star, in behalf of San Antonio. Donors of the gift were the Palomino Stud Farm of San Antonio and the First Cavalry Division Association. Mack himself was there to greet the colt at Newark.

You can't tell a package by its wrapping, and even undoing this one wouldn't impress you. Actually, the box contains a valuable shipment of 75 bulbs rushed by air to the Nursery Centers because this type bulb requires transplanting within 24 hours after it had been dug from the ground. Speed was, of course, of prime importance, and KLM flew the bulbs to New York in short order. The box weighs only 25 pounds, but the bulbs themselves retail at \$35.00 per bulb.



In less than 48 hours, high-fashion woolen wear from Scotland was flown by BOAC Stratocruisers to New York where, by split-second teamwork with Slick Airways they were transported for delivery throughout the United States. This new service is regarded as invaluable to the British Export Drive. The garments are hung in special containers and arrive in factory fresh condition—without even the need of pressing—to their various destinations. Mark BOAC, Slick and U. S. Customs for their excellent teamwork and quick service.

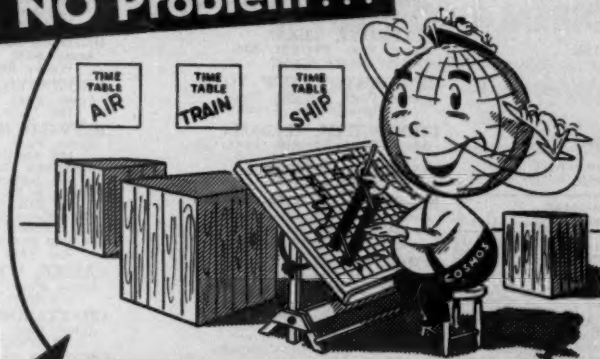


AIR SHIPPERS' MANUAL

©1951—AIR TRANSPORTATION MAGAZINE

FIFTH EDITION

**Foreign Shipping
is NO Problem ...**



When Handled By COSMOS

Servicing industry for nearly half a century!
Personal consideration of every detail!

AIR EXPRESS

foreign freight forwarders • customs brokers

Cosmos Shipping Company, Inc.

8-10 BRIDGE STREET, NEW YORK 4, N. Y.

Tel.: WHitehall 3-6182

Cable: SHIPCOSMOS

BRANCH OFFICES IN PRINCIPAL CITIES THROUGHOUT THE WORLD

FEDERAL MARITIME BOARD FREIGHT FORWARDER REG. No. 443



AIR CARGO AGENTS

**Officially Approved by the
International Air Transport Association**

The following freight forwarding firms have been approved by the International Air Transport Association and serve as official cargo agents for the member airlines. The symbol (*) indicates that the firm is a member of the Customs Brokers and Forwarders Association of America, Inc. A complete list of all IATA Air Cargo Agents appears in the Air Shippers Manual at regular intervals.

UNITED STATES

ABILENE, TEXAS

Acme Fast Freight, Inc.
641 South 2nd Street

AKRON, OHIO

Acme Fast Freight, Inc.
Mill & South Summit St.
National Carloading Corp.
705 Peoples Bldg.

ALBANY, NEW YORK

Freedman & Slater, Inc.
55 State Street

ALBUQUERQUE, NEW MEXICO

Acme Fast Freight, Inc.
1420 N. 12th St.

ALEXANDRIA, LOUISIANA

Acme Fast Freight, Inc.
626 10th St.

ALLENTOWN, PENNSYLVANIA

Acme Fast Freight, Inc.
Race & Linden Sts.

AMARILLO, TEXAS

Acme Fast Freight, Inc.
920 Barfield Bldg.

ANDERSON, INDIANA

National Carloading Corp.
220 E. 19th St.

ATLANTA, GEORGIA

Acme Fast Freight, Inc.
50 Spring St. N.W.
American Express Company
121 Peachtree Street, N. E.

COOK & SON, INC., THOMAS

41-55 Broad St., S.W. (see adv.)

J. C. Matthews
58 Walton Street, N. W.

AUSTIN, TEXAS

Acme Fast Freight, Inc.
7101 East 5th Street

BALTIMORE, MARYLAND

Acme Fast Freight, Inc.
East Madison St. and Guilford Ave.
American Express Company
218 North Charles Street

BEHRING SHIPPING COMPANY

Keyser Building
Phone 4742-3 (see adv.)

Conner, John R.
National Marine Bank Bldg.

Footner & Co.

414 American Bldg.
International Expeditors, Inc.
Sharp and Lee Streets
Judson Sheldon Division
300 Water Street
Masson, William H.
105 S. Frederick St.

*SHAPIRO & CO., INC., SAMUEL

29 South Gay Street
Lexington 65-10-1-2 (see adv.)

Universal Transcontinental Corporation
Centre Street and Guilford Ave.

BATTLE CREEK, MICHIGAN

National Carloading Corp.
144 S. Kendall St.

BATON ROUGE, LOUISIANA

Acme Fast Freight, Inc.
101 Mayflower Street

BEAUMONT, TEXAS

Acme Fast Freight, Inc.
1101 South Street

BINGHAMTON, NEW YORK

Acme Fast Freight, Inc.
11 Brandywine Avenue

BIRMINGHAM, ALABAMA

Acme Fast Freight, Inc.
115-12th Street North
National Carloading Corp.
1 N. 10th St.

BLACK ROCK, NEW YORK

Acme Fast Freight, Inc.
445 Tonawanda Street
D. L. & W. Freight House

BOISE, IDAHO

Acme Fast Freight, Inc.
1117 Front St.

BOSTON, MASSACHUSETTS

Acme Fast Freight, Inc.
102-107 Federal Street
American Express Company
274 Boylston Street
Andrews and Company, Inc., D. C.
131 State Street

COOK & SON, INC., THOMAS

421 Baylston Street (see adv.)

*Downing Co., T. D.
85 Broad St.

*Garbey Company, M. H.

141 Milk Street
Inter City Freight Agency
Logan Airport
International Expeditors, Inc.
222 Summer St.
Jayray Forwarding Service
184 Hanover St.
Judson Sheldon Division
131 State Street
Kutrubes & Co., Prokos P.
129 Fremont Street
*Pistorino & Co., Inc.
88 Broad St.

Powell Company, C. H.

88 Broad Street
Proctor Company, W. N.
40 Broad Street
St. Peter's Travel Co., Inc.
193 Hanover St.

BOUND BROOK, NEW JERSEY

Acme Fast Freight, Inc.
Lahigh Valley Freight Station
E. Main Street

BRIDGEPORT, CONNECTICUT

Acme Fast Freight, Inc.
Water Street Freight House

BROWNSVILLE, TEXAS

Acme Fast Freight, Inc.
706 Palo Alto Street

BUFFALO, NEW YORK

Acme Fast Freight, Inc.
150 South Park Avenue
American Express Company
300 Delaware Ave.
*Carey & Skinner, Inc.
508 Ellicott Square
Thos. Cook & Son Travel Bureau
17 Court St.
Judson Sheldon Division
Rm. 1016 Ellicott Sq.

CASPER, WYOMING

Acme Fast Freight, Inc.
205 Star Bldg.

CHATTANOOGA, TENNESSEE

Acme Fast Freight, Inc.
120 West 9th Street

CHICAGO, ILLINOIS

Acme Fast Freight, Inc.
608 South Dearborn Street
(also Polk & Clark Sta.)
450 E. South Water St.
225 N. Union St.

Alborno Flower Traffic, Inc.
Monarch Air Service Hangar
Municipal Airport

BEHRING SHIPPING CO.

10 BRIDGE STREET, NEW YORK 4, N. Y.

Teletype: N.Y.1-2411-U

Telephone: Digby 4-3220-37

Cable Address: "HINGBER," NEW YORK

FORWARDERS FMB No. 544

**Foreign Freight Forwarders
Licensed Customs Brokers
and IATA-Recognized Air Freight Forwarders**

TO ALL PARTS OF THE WORLD

Houston Office
962 M&M Building

Phone:
CHarrier 4-4376—Teletype: MO 234
Fairfax 3525

New Orleans Office
427 Balter Building

Phone:
Magnolia 1463-46—Teletype: 285

Philadelphia Office
31st and Walnut Streets

Telephone:
Evergreen 6-1959

Baltimore Office
Keyser Building

Phone:
Piazza 4742-4743

American Express Company
178 N. Michigan Avenue

**AIR EXPRESS INTERNATIONAL
AGENCY, INC.**

801 S. Sherman St.
Harrison 7-2555 (see adv.)

American Union Transport, Inc.
323 S. Michigan Avenue
Andrews & Co., D. C.
327 South LaSalle Street
Baker, Irons & Dockstader, Inc.
537 S. LaSalle Street
Bernard & Co., Inc., J. E.
11 South LaSalle Street
Central Parcel Service, Inc.
220 S. State St.
Commercial Airways Agency
6100 W. 43rd Street
Continental Shipping Company
175 W. Jackson Blvd.

COOK & SON, INC., THOMAS

37 S. LaSalle St.
(also) State, Wabash & Madison
Sts. (see adv.)

Davies, Turner & Co.
111-115 West Monroe Street
Global Air Cargo
205 S. LaSalle St.
Hawaiian Freight Forwarders, Ltd.
205 S. LaSalle St.
Hudson Shipping Co., Inc.
413 N. Michigan Avenue
International Expeditors, Inc.
200 E. Illinois Street
National Carloading Corp.
1018 South Wabash Ave.
(also) 411 W. Kenzie St.
Pacific & Atlantic Shippers Assn., Inc.
355 North Halsted Street
Universal Transcontinental Corporation
227 South LaSalle St.

CINCINNATI, OHIO

Acme Fast Freight, Inc.
Third and Mill Streets
American Express Company
3 East Fourth Street
Judson Sheldon Division
414 Walnut Street

CLEVELAND, OHIO

Acme Fast Freight, Inc.
1400 Broadway
Airborne Coordinators
Cleveland Municipal Airport
American Express Company
415 Euclid Avenue
International Expeditors, Inc.
1602 Standard Bldg.
Judson Sheldon Division
690 Nickel Plate Drive

COLUMBUS, OHIO

Acme Fast Freight, Inc.
4 and East Naghten St.
National Carloading Corp.
163 W. Naghten Street

CORAL GABLES, FLORIDA

Air Shipper, Inc.
Miami International Airport
P. O. Box 6610

DALLAS, TEXAS

Acme Fast Freight, Inc.
733 South Poydras
Cloud Lane Air Cargo
Love Field
Judson Sheldon Division
901 North Rose Ave.

DAYTON, OHIO

Acme Fast Freight, Inc.
423 Washington Street
National Carloading Corp.
204 Webster Street

DENVER, COLORADO

Acme Fast Freight, Inc.
335 Union Station
American Express Company
420 Seventeenth Street
International Expeditors, Inc.
1874 Thirteenth Street
Judson Sheldon Division
1130 16th Street
National Carloading Corp.
1901 16th Street

DES MOINES, IOWA

National Carloading Corp.
E. 4th & Locust Sts.

DETROIT, MICHIGAN

Acme Fast Freight, Inc.
115 Twelfth Street



PROCEED WHEN SAFE

Firms are admitted to membership in the

CUSTOMS BROKERS & FORWARDERS ASSOCIATION OF AMERICA, INC.

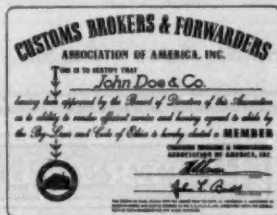
only after exhaustive investigation as to
experience, character and responsibility.

All members are bound by our By-Laws and Code of Ethics.

Violators are subject to suspension or expulsion.

FOR YOUR PROTECTION

members may be identified by a wall certificate as well
as a pocket membership card as reproduced hereunder.



IS YOUR CUSTOMS BROKER OR FORWARDER A MEMBER?

Membership list available without charge to all responsible parties
engaged in foreign trade, upon written request. For official list write to:

Executive Secretary—8 Bridge Street, New York, N. Y.
WHitehall 4-2898

American Express Company
1337 Washington Blvd.
Giuliano S. S. & Air Line Agency.
Vincent
2879 Gratiot Ave.
International Expeditors, Inc.
115 Twelfth Street
Judson Sheldon Division
2150 Guardian Bldg.
Nicholson, P. O.
600 Woodward Avenue
Shiprite Forwarders, Inc.
4852 Riopelle St.
Universal Transcontinental Corporation
140 Twelfth Street

DOBB'S FERRY, NEW YORK
Worth Air Freight, Inc.
37-31 Cedar St.

EAGLE PASS, TEXAS
Acme Fast Freight, Inc.
c/o Southern Pacific R. R.

EAST PROVIDENCE, RHODE ISLAND
National Carloading Corp.
1 Waterman Ave.

EL PASO, TEXAS
Acme Fast Freight, Inc.
600 E. Franklin Street

ELIZABETH, NEW JERSEY
Acme Fast Freight, Inc.
Magnolia and Division Streets

ELMIRA, NEW YORK
Acme Fast Freight, Inc.
401 State Street

ERIE, PENNSYLVANIA
National Carloading Corp.
335 E. 18th St.

EVANSVILLE, INDIANA
National Carloading Corp.
8th & Locust Sts.

FALL RIVER, MASS.
Fall River Travel Bureau, Inc.
28 North Main St.

FORT WAYNE, INDIANA
Acme Fast Freight, Inc.
1400 South Harrison St.
National Carloading Corp.
224 Pearl St.

FORT WORTH, TEXAS
Acme Fast Freight, Inc.
701 East Fifth Street
Cloud-Lane Air Cargo
314-316 Century Life Bldg.

FRESNO, CALIFORNIA
Acme Fast Freight, Inc.
609 Fulton-Fresno Bldg.

GRAND RAPIDS, MICHIGAN
Acme Fast Freight, Inc.
447 Monroe Avenue
National Carloading Corp.
Cherry & Ottawa Sts., S.W.

HARRISBURG, PENNSYLVANIA
Acme Fast Freight, Inc.
309 S. 2nd St.

HILO, HAWAII
Global Air Cargo
211 Kamehameha Ave.

Hawaiian Freight Forwarders
211 Kamehameha Ave.

HONOLULU, T. H.
Air-Flu Express
525 Halekuwila Street
Davies & Co., Ltd., Theo. H.
Blahop and Queen Streets
Hawaiian Freight Forwarders, Ltd.
Merchandise Mart
P. O. Box 3113
Judson Sheldon Division
Merchandise Mart Bldg.

HOUSTON, TEXAS
Acme Fast Freight, Inc.
711 McKee Street

AIR EXPRESS INTERNATIONAL
Municipal Airport
Milby 3654 (see adv.)

BEHRING SHIPPING COMPANY
625 N. & M Bldg.
Charter 4-5079 (see adv.)

Houston Freight Forwarding Agents
504 Scanlon Bldg.
International Expeditors, Inc.
3301 Polk Avenue
Judson Sheldon Division
405 Main Street
Seven Seas Mercantile Trans. Co., Inc.
P. O. Box 438
Smith and Co., R. W.
703 Scanlon Bldg.
Zanes & Co., W. R.
220 Cotton Exchange Bldg.

INDIANAPOLIS, INDIANA
Acme Fast Freight, Inc.
445 North Penn St.
(also) 419 S. Penn St.
National Carloading Corp.
410 S. Senate St.
Stark Air Shipping, Inc.
525 Circle Tower

INGLEWOOD, CALIFORNIA
*Herb. B. Mayer & Co., Inc.
115 W. Arbor Vitae

JACKSON, MISSISSIPPI
Acme Fast Freight, Inc.
527 S. Parish St.

JACKSONVILLE, FLORIDA
Acme Fast Freight, Inc.
210 Druid St.

*Herbert B. Moller
709 Atlantic National Bank Bldg.

JERSEY CITY, NEW JERSEY
Acme Fast Freight, Inc.
477 Grove Street

KALAMAZOO, MICHIGAN
National Carloading Corp.
1307 E. Michigan Ave.

KANSAS CITY, KANSAS
Air Cargo Terminal
2251 Fairfax Road

KANSAS CITY, MISSOURI
Acme Fast Freight, Inc.
1010 St. Louis Ave.
Judson Sheldon Division
1004 Baltimore Ave.

LAKE CHARLES, LOUISIANA
Acme Fast Freight, Inc.
824 Ryan St.

ROBERTS, REILLY & SONS

**AIR FREIGHT FORWARDERS
CUSTOMS BROKERS**

Serving Both of New York's Airports

Recognized by International Air Transport Association

Office: 120-82 Queens Blvd.
Kew Gardens, N. Y.

P.O. Box No. 28, LaGuardia Airport, N. Y.

FMB No. 126

PHONES: Virginia 7-10106-10137

PETER A. BERNACKI, INC.

INTERNATIONAL AND DOMESTIC FREIGHT FORWARDER

PHILADELPHIA • NEW YORK • MIAMI • HAVANA • BRUSSELS • PARIS • LONDON • ROTTERDAM • ROME • ZURICH

Largest Organization of its Kind in the United States built on PERSONALIZED SERVICE

AIRCRAFT CHARTERING BROKERS • PASSENGERS AND FREIGHT TO ANY DESTINATION IN THE WORLD
DOMESTIC AND INTERNATIONAL FREIGHT FORWARDER AND BROKER

LETTER OF REGISTRATION AIR FREIGHT FORWARDER No. 18 LICENSED MOTOR FREIGHT BROKER—I.C.C.-M.C.—12386 . . . FORWARDERS FMB No. 645

EXECUTIVE OFFICES

1087 Rittenberg Building, Philadelphia 2, Pa.
Market 7-4315

MIAMI DIVISION

Miami International Airport, Twentieth Street Terminal
Miami 98-4328

METROPOLITAN DIVISION

148-2 West Broadway, New York 13, N. Y.
WO 6-3588

LANCASTER, PENNSYLVANIA

Acme Fast Freight, Inc.
552 North Prince Street

LANSING, MICHIGAN

National Carloading Corp.
534 E. Shawwassee St.

LAREDO, TEXAS

Acme Fast Freight, Inc.
2018 Zaragoza St.

LITTLE ROCK, ARKANSAS

Acme Fast Freight, Inc.
501 Magnolia St.

LONG BEACH, CALIFORNIA

Acme Fast Freight, Inc.
W. 8th St. & Pico

LOS ANGELES, CALIFORNIA

Acme Fast Freight, Inc.
610 South Main Street

AIR EXPRESS INTERNATIONAL

5501 Avion Drive
Oregon 8-4345 (see adv.)

Alborno Flower & Freight Traffic, Inc.

716 S. Wall St.

Air-Sea Forwarders

706-707 San Fernando Bldg.

4th and Main Streets

American Express Company

650 West Seventh Street

American Shippers

325 East Sixth Street

Asia Air Cargo

312 E. First St.

*Barnett International Forwarders Inc.,

of California

6100 Santa Monica Blvd.

*Byrnes, W. J., & Co. of L. A., Inc.

324 South Spring St.

Carmichael Forwarding Service

406 South Main Street

COOK & SON, INC., THOMAS

520 West Sixth Street (see adv.)

*Dow Co., Inc., Frank P.

354 South Spring St.

Global Air Cargo

1011 E. Hill Street

GONDRAND BROS., INC.

525 E. Spring St. (see adv.)

Hawaiian Freight Forwarders, Ltd.

354 E. Spring Street

International Expeditors, Inc.

354 E. Spring Street

International Traffic Co.

354 E. Spring Street

Judson Sheldon Division

354 E. Spring Street

Mattoon & Co., Inc.

354 E. Spring Street

Moylan, John J.

354 E. Spring Street

*Otero Company, M. G.

354 South Spring St.

National Carloading Division

330 E. Santa Fe Ave.

Takahashi & Company, C. T.

354 South Spring Street

Unasita Transport Co.

126 E. San Pedro St.

Universal Transcontinental Corporation

1237 Wilson Street

*Westland & Son, Inc., John L.

354 E. Spring Street

Wiley, James G.

406 E. Main Street

LOUISVILLE, KENTUCKY

Acme Fast Freight, Inc.

L. & N. R. R.

Broadway between 9th & 10th Sts.

National Carloading Corp.

16th & Kentucky Streets

LOWELL, MASSACHUSETTS

Acme Fast Freight, Inc.

B. & M. R. R. Freight Station

Thorndike Street

LUBBOCK, TEXAS

Acme Fast Freight, Inc.

225 Ave. M

LYNCHBURG, VIRGINIA

Acme Fast Freight, Inc.

Post of 8th Street

MACON, GEORGIA

Acme Fast Freight, Inc.

Central of Georgia Freight House

Corner 5th & Pine Streets

MAUI, WAILUKU, HAWAII

Air-Fio Express-Maui

42 High Street

Global Air Cargo

Kahului Airport

Hawaiian Freight Forwarders, Ltd.

Kahului Airport

MEMPHIS, TENNESSEE

Acme Fast Freight, Inc.

156 Kentucky Street

MERIDEN, CONNECTICUT

Acme Fast Freight, Inc.

Camp & State Sts. (Box 444)

MIAMI, FLORIDA

Acme Fast Freight, Inc.

2430 N. W. 74th St.

AIR EXPRESS INTERNATIONAL

AGENCY, INC.

Miami International Airport,

30th St. Term. Bldg.

Miami 88-5531 (see adv.)

Aircargo Brokerage Co.

Pacific Bldg.

American Express Company

250 East Flagler Street

PETER A. BERNACKI

Miami International Airport,

20th St. Terminal

Miami 82-4522 (see adv.)

Commercial Airways Agency, Inc.

2240 N.W. 27th Avenue

Cuban American Export

Seybold Bldg.

Harison International Forwarders

19 W. Flagler St.

International Expeditors, Inc.

7112 N. E. Fourth Court

Liss Inter-American Air Cargo Agency

2229 N.W. 1st Court

Mader & Co.

Terminal Dock, Box 3108

Rediker Air Cargo, Inc.

20th St. Airport

J. D. SMITH INTER OCEAN

Miami International Airport

(see adv.)

***Thompson Agency, Roland**

625 E. Miami Avenue

Union Air Freight Terminal

Int. Airport

20th St., Terminal Bldg.

MIAMI SPRINGS, FLORIDA

American Express Co., Inc.

P. O. Box 1136

Latin American Air Cargo Expeditors,

Inc.

2195 N.W. 27th Ave.

MIDDLETOWN, NEW YORK

Acme Fast Freight, Inc.

N. Y. Ont. & Western Freight Sta.

MIDDLETOWN, OHIO

Acme Fast Freight, Inc.

Box 133

MILWAUKEE, WISCONSIN

Acme Fast Freight, Inc.

527 West Fowler Street

International Expeditors, Inc.

217 No. Plankington Avenue

Judson Sheldon Division

235 N. 2nd Street

MINNEAPOLIS, MINNESOTA

American Express Company

131 South 7th Street

International Expeditors, Inc.

301 3rd Avenue S.

Jensen, Inc., Norman G.

Metropolitan Life Bldg.

Judson Sheldon Division

Metropolitan Life Bldg.

MOBILE, ALABAMA

Acme Fast Freight, Inc.

704-707 First National Bank

IN NEW YORK—your overseas shipments, whether air or steamer freight, are conscientiously attended to by the responsible and old established forwarding firm of:



Recognized by the INTERNATIONAL AIR TRANSPORT ASSOCIATION
TELEPHONE: Bowling Green 9-2141

FME No. 28

ACME AIR CARGO

Fastest to **COLOMBIA, CUBA, HONDURAS, VENEZUELA**

and key destinations in **EUROPE, ASIA and AFRICA**

ECONOMICAL RATES • SINGLE-CARRIER RESPONSIBILITY

Consult your forwarder or the nearest Acme office

ACME AIR CARGO, INC., 2 LAFAYETTE ST., NEW YORK 7, N. Y.



IATA AIR CARGO AGENTS—Continued

Judson Sheldon Division
552 St. Francis Street
*Page & Jones
910 First National Bank (Box 388)

MOLINE, ILLINOIS
National Carloading Corp.
3000 3rd Ave., P. O. Box 388

MONROE, LOUISIANA
Acme Fast Freight, Inc.
118 Depot Street

MONTGOMERY, ALABAMA
Acme Fast Freight, Inc.
407 Molton Street
c/o L. & N. Freight House

MUNCIE, INDIANA
National Carloading Corp.
3500 N. Broadway

NASHVILLE, TENNESSEE
Acme Fast Freight, Inc.
108 19th Ave. N.

NEW BEDFORD, MASSACHUSETTS
Luis & Co., Inc., Guilherme M.
101 River Street

NEW BRUNSWICK, NEW JERSEY
Herman Forwarding Co.
Mill Lane

NEW HAVEN, CONNECTICUT
Acme Fast Freight, Inc.
170 Water Street
National Carloading Corp.
154 Water Street

NEW ORLEANS, LOUISIANA
Acme Fast Freight, Inc.
1550 Lafayette Street

AIR EXPRESS INTERNATIONAL AGENCY, INC.
1153 Royal Street (10)
Magnolia 1555 (see adv.)

Alonso Shipping Co.
315 St. Charles St.
American Express Company
209 St. Charles St.
(also) 208 Carondelet St.
Andrews & Co., Inc., D. C.
238 S. Saratoga Street

BEHRING SHIPPING CO.
427 Balter Bldg.
Magnolia 1463-08 (see adv.)

Cla. Transmar
344 Camp St.

COOK & SON, INC., THOS.
501 Canal St. (see adv.)

C. L. Dupre & Son
401 Industries Bldg.
Gogarty, Inc., H. A.
516 Balter Bldg.
Gondrand Bros., Inc.
510 Union St.
International Expeditors, Inc.
402 Queen & Crescent Bldg.
International Trading, Inc.
305 Barnes Bldg.
Intra-Mar Shipping Corp.
126 Carondelet Street
Judson Sheldon Division
505 Common Street
Mohegan International Corp. of La.
407 Maritime Bldg.
Porto Rican Express
710 Whitney Bank Bldg.
Smith, W. O. & Co., Inc.
Carondelet Building
Spedden, T. R.
714 Whitney Bank Bldg.

Universal Transcontinental Corporation
521 Godchaux
Zanes & Co., W. R.
Whitney Bank Bldg.

NEW YORK, NEW YORK

Acme Fast Freight, Inc.
3 Lafayette Street
*Aeolian Shipping Co.
29 Broadway
*Aero-Sea Shipping Corporation
15 Beaver Street
Aetna Forwarding Co.
50 Broad St.
Airborne Flower & Freight Traffic, Inc.
1156 Broadway
*Air Cargo Expeditors
161 Lexington Ave.

***AIR CLEARANCE ASSOCIATION, INC.**
11 Broadway
HAnover 2-2378 (see adv.)

Air-Ex Forwarding Co.
21 Bridge Street
Air Express Forwarding Service
500 West 42nd Street

AIR EXPRESS INTERNATIONAL AGENCY, INC.
44 Whitehall St.
Bowling Green 9-0290 (see adv.)

Airborne Flower & Freight Traffic, Inc.
1156 Broadway
Air Cargo Expeditors
160 Lexington Ave.
Ajax World Wide Freight Corp.
245 Hudson St.

***ALBERT CO., N. M.**
44 Whitehall Street
Digby 4-5077 (see adv.)

All Nations Forwarding Corp.
1170 Broadway
Allied Air Freight, Inc.
455 West 26th Street

***ALLTRANSPORT, INC.**
6 State Street
Whitehall 3-0250 (see adv.)

Ambassador Shipping, Inc.
40 Exchange Place
Amerford International Corp.
29 Wall Street
American Commercial Transport Co.
10 Bridge Street
American Dispatch Co.
3 Broadway

American Express Company
66 Broadway
*American Forwarders
340 E. 43rd Street
American Union Transport, Inc.
17 Battery Place

*Andrews & Co., Inc., D. C.
27-29 Water Street (4)
Argus Shipping Co., Inc.
4 Hanover Square
*Atlantic Forwarding Co., Inc.
45 Pearl Street
Baker, Irons & Dockstadter, Inc.
8 Bridge St. and
1775 Broadway
Bakumer Shipping Corp.
37 Wall St.

***BARIAN SHIPPING CO., INC.**
29 Broadway
Bowling Green 9-0407 (see adv.)

***BARNETT INTERNATIONAL FORWARDERS, INC.**
723 Seventh Ave.
Circle 5-0090 (see adv.)

***BARR SHIPPING COMPANY**
25 Broadway
HAnover 2-5290 (see adv.)

*Barrett Transport, Inc.
3 Bridge Street
Beacon Shipping Co.
10 Bridge St.

***BEHRING SHIPPING COMPANY**
140-2 West Broadway
Worth 4-3500 (see adv.)

PETER A. BERNACKI
140 West Broadway
Worth 4-3500 (see adv.)

*Bernstein Co., Inc., H. J.
115 Broad Street
Blueflies-New York, Inc.
39 Pearl Street
Boehr Shipping Co., Inc.
24 Stone Street
Bowen, Albert E.
17 Battery Place

***BRAUNER & CO.**
24 State Street
Digby 4-2475 (see adv.)

Brokub Corp.
1133 Broadway
Bryant & Heferman, Inc.
80 Broad St.
Burdett, Daniel E., Inc.
25 Broadway
Byrnes & Co. of N. Y., Inc., W. J.
25 Broadway
Cadwell & Co., Inc.
50 Broad Street
*Cavanaugh Shipping Co.
44 Whitehall Street
Chary Company
13 South William Street

COLONY SHIPPING CO., INC.
75 West Street
Bowling Green 9-2131 (see adv.)

Commercial Airways Agency, Inc.
300 W. 43rd Street
*Concentra Shipping Co., Inc.
2 Stone Street
Convoys, Ltd.
1133 Broadway

COOK & SON, INC., THOS.
221 Broadway
Digby 9-4540 (see adv.)

***COSMOS SHIPPING CO., INC.**
5 Bridge Street
Whitehall 3-6152 (see adv.)

Cross World Air Cargo Corp.
30 Church St.
D'Amato Freight Forwarding Co.
39 Broadway
Danville Co., The
25 Beaver Street
*Davies, Turner & Co.
8 Bridge Street
Dingelstedt & Company
25 Beaver Street
*Dorf Air Service, Inc.
89 Broad Street
*Downing & Co., Inc., R. F.
16 Bridge Street

SHIPMENTS HANDLED TO AND FROM ALL PARTS OF THE WORLD



**FOREIGN FREIGHT FORWARDERS
FREIGHT CONTRACTORS
CUSTOM HOUSE BROKERS**

W. R. KEATING & COMPANY

Incorporated

90 BROAD STREET

(Whitehall 4-4830)

NEW YORK, N. Y.

Approved Agent, International Air Transport Association

FMB No. 220

*Dumont Shipping Co., Inc.
11 Broadway
Dyaon Shipping Co., Inc.
75 Pike Slip

*Steel Shipping Corporation
44 Whitehall Street

*Export-Import Services, Inc.
24 State Street

F & B Forwarding Corp.
745 5th Ave.

F. N. S. Corp.
15 Leonard St.

Fernant Export Co.
350 Broadway

Figuerado (USA) Corp.
52 Broadway

Flying Cargo, Inc.
140 Cedar Street

Forwand Co., Sam
55 Pearl Street

*Freedman & Slater, Inc.
11 Broadway

*Farman Co., Ira
8 Bridge Street

Gallie Corp., The
55 Broad St.

*Gaskell Co., Inc., Fred P.
1 Broadway

Gaugler, Inc., L. I.
2 Broadway

Gaynar & Co., Inc., P. A.
25 Beaver Street

Gehrig, Hoban & Co., Inc.
44 Whitehall Street

*Gerard & Hay Co., Inc.
44 Whitehall Street

Global Air Cargo
11 Broadway

Global Airshipping Co.
247 West 25th Street

Global Forwarding Co.
2 Broadway

*GLOBE SHIPPING CO., INC.
11 Broadway

WHitehall 3-9500 (see adv.)

Gogarty, Inc., H. A.
15 Moore Street

*GONDRAND BROTHERS, INC.
33 Broadway

WHitehall 3-7500 (see adv.)

Gonzales & Hein
80 Wall Street

Gorman-Anderson Corporation
44 Whitehall Street

*Hampton & Co., Inc., J. W., Jr.
17 Battery Place

Hanson Co., Inc., C. J.
132 Front Street

Harrison & Co., Inc., M.
8 Bridge Street

Hartwig, C.
2 Broadway

*Hauser, Inc., D.
24 State Street

*Hawaiian Freight Forwarders, Ltd.
11 Broadway

*Heemsoth-Kerner Corporation
8 Bridge Street

*Held's, Inc.
44 Whitehall St.

Heimann, Inc., W.
21 State Street

*Henjes Jr., Inc., Frederick
24 State Street

*Hensel, Bruckmann & Lorbacher, Inc.
16 Beaver Street

Hickey Forwarding, Inc., D. W.
23 Broadway

*Hudson Shipping Co., Inc.
8-16 Bridge Street

Huxter & Son, Inc., John H.
44 Whitehall Street

Inge & Co., Inc.
43 Broadway

Inter-Hemisphere Service Co.
20 Vesey St.

*Inter-Maritime Fwdg. Co., Inc.
25 Pearl Street

*International Expeditors, Inc.
470 Greenwich Street

*International Sea & Air Shipping Corp.
20 Broad Street

Intersped, Inc.
44 Whitehall St.

*Intra-Mar Shipping Corp.
11 Broadway

Italian Shipping Co.
15 Moore St.

*Jasper, Inc., E. A.
44 Whitehall Street

*Joard Forwarding Co.
2 Stone Street

Joch & Co., F. W.
17 Battery Place

*Judson Sheldon Division
15 Rector Street

Kerr, Ellis & Co., Inc.
44 Whitehall Street

Kaufman & Vinson Co.
17 State St.

Kaufman & Vinson Co.
17 State St.

*KEATING & CO., W. R.
50 Broad Street
Whitehall 4-4830 (see adv.)

Kerston Shipping Agency, Inc.
26 Bridge Street

*Lansen-Naave Corp.
11 Broadway

Latina Shipping Co., Ltd.
4 Hanover Square

Laufer Shipping Co.
43 Beaver St.

Leading Export Service Corp.
2 Stone Street

*Lep Transport, Inc.
65 Broadway

Lunham & Reeve, Inc.
10 Bridge Street

Madison Shipping Co., Inc.
401 Broadway

Majestic Shipping & Fwdg. Co., Inc.
38 Pearl Street

Marine Forwarding Co.
1 Broadway

AIR SHIPMENTS TO EVERY PART OF
THE WORLD

SAMUEL SHAPIRO & CO. INCORPORATED

Custom House Brokers

and

International Freight Forwarders

Recognized by: International Air Transport Assn.

Members of: Customs Brokers & Forwarders Assn. of America, Inc.

29 SOUTH GAY STREET, BALTIMORE 2, MARYLAND

Phone: LExington 0540-1-2

Cable: SHAP

BRANCH OFFICE

1209 31st STREET, N. W., WASHINGTON 7, D. C.

Phone: DEcatur 1209

Cable: SHIPWASH

Both of our locations are on the ground floor

Federal Maritime Board Freight Forwarders Registration No. 69

scheduled
AIRFREIGHT
service...

6 HOURS NEW YORK to MIAMI

U. S. AIRLINES—The only All-Freight airline
certificated to serve these cities

FOR PICKUP AND DELIVERY

NEWARK, N. J.—Mitchell 3-0360

NEW YORK—Murray Hill 2-3809

MIAMI, FLA.—3-5755

U.S. airlines inc.

516 Fifth Ave.

New York, N. Y.

Broward Field

Ft. Lauderdale, Fla.

A SCHEDULED CERTIFICATED AIRFREIGHT CARRIER

IATA AIR CARGO AGENTS—Continued

Marks & Coyle, Inc.
44 Whitehall Street
*Markwalter & Co., Frank J.
34 Stone Street
Marturett Brokerage Corp.
37 Wall Street
*Master Shipping Agency, Inc.
30 Broad Street
*Meadows, Wye & Co., Inc.
8 Bridge Street

MERCADER, INC.
80 Pine Street
Digby 4-6886 (see adv.)

Mercentile Freight Forwarders
40 Exchange Place
Metropolitan Air Freight Depot, Inc.
314 W. 36th Street
Midtown Airfreight Terminal, Inc.
339 West 58th Street
Michigan International Corp.
17 State St.
Morke Shipping Co.
20 Murray St.
*Muller Shipping Corp., William H.
50 Broad Street
Nahls & O'Connell
48 Broadway
Neptune Forwarding, Inc.
6 State St.
*New Era Shipping Co., Inc.
34 Liberty Street
Norton & Ellis of N. Y., Inc.
80 Broad Street
*Nydegger, A. E. & Co., Inc.
11 Broadway
*Nyco, Inc.
48 Broadway

OLLENDORFF, INC. H. G.
230-242 West 54th Street
THelafair 4-9154 (see adv.)

Olympic Air Express Service Corp.
44 Whitehall Street
O'Reilly Co., E. L.
17 State St.
*Overton & Company
34 State Street
Pace Shipping Co., Inc.
11 Broadway
Pan American Marine Corp.
47 Wall St.
Pena Shipping & Forwarding Co.
235 W. 54th Street
*Pason & Co.
11 Broadway
Phoenix Shipping Co., Inc.
21 State St.
*Pitt & Scott Corp.
25 Beaver Street
Planet Shipping Co., Inc.
2 Cosettles Slip
Pomerance Co., Inc., S. H.
11 Broadway
Porto Rican Express Co.
145 Sixth Avenue
Powell Co., C. H.
1 Broadway

Premier Shipping Co., Inc.
115 Broad Street
*Progressive Forwarding, Inc.
24 Stone Street
R. P. R. Corporation
35 Pike Street
Rediker Bros. Shipping Co.
377 Broadway
*Rietmann-Plicer Co.
33 Broadway

ROBERTS, REILLY & JOHNS
32-16 Astoria Blvd., Jackson Heights
ILlinois 7-3096 (see adv.)

*Robinson & Co., Inc., H. W.
15 Whitehall Street

ROHNER, GEHRIG & CO., INC.
15 Moore Street
Bowling Green 8-6350 (see adv.)

Rosen Tours
1196 Broadway
St. John & Co., H. W.
15 Pearl Street
Saunders & Co., Inc., R. J.
24 Stone Street
*S.C.T.T.
51 South Street
Schaefer & Krebs
25 Broadway
Schmidt, Pritchard & Co., Inc.
154 Nassau Street
Seairail Shipping Co.
154 Nassau Street
Seven Seas Mercantile Transport Co., Inc.
15 Moore Street
Shiprite Forwarders, Inc.
15 Whitehall Street
Simpson, Spence & Yeung
53 Broadway

***SMITH INTER-OCEAN, INC. J. D.**
30 Broadway
Bowling Green 8-2333 (see adv.)

Smith & Co., Inc., W. O.
40 Broad Street
*Star Shipping Agency, Inc.
24 Stone Street
Stark Air Shipping, Inc.
139 Wall Street
*Stass Co., J. S.
15 Whitehall Street
*Sun Transporters, Inc.
48 White Street
Sutherland International Despatch
370 Lexington Avenue
Esenkovits Corporation
Chrysler Building
Takahnshi & Company, C. T.
300 West 57th Street
*Terramar Shipping Company
15 Moore Street
*Thomson, Jacobs & Moran, Inc.
43 Broadway
*Tice & Lynch, Inc.
21 Pearl Street

Tidewater Forwarding Co.
350 Broadway
Traders Service Corp.
44 Whitehall St.
Trans-Iberia Express, Inc.
489 Washington St.

***TRANS-WORLD SHIPPING CORP.**
35 S. William St.
Whitehall 3-2350 (see adv.)

Turic Freight Forwarders
391 Broadway
United Forwarders Service
25 Beaver Street
*United States Forwarding Corp.
24 State Street
Universal Transcontinental Corporation
345 Hudson Street
Universal Transport Corp.
15 Moore Street
Unsworth & Co., Inc.
165 Water St.
Valiente Forwarding Co., Inc.
26 W. 47th St.

***WEDEMANN & GODKNECHT, INC.**
3 State Street
Digby 8-6180 (see adv.)

Weisel & Co., M.
4 West Third Street
Whitehall Shipping Co.
17 Battery Place
Wilson's American Co.
52 Wall St.
Wolf & Gerber, Inc.
27 William St.
World-Wide Service, Inc.
23 Beaver Street
Young & Glenn Division
71 Water Street
*Young, Inc., Daniel F.
10 Bridge Street
*Young & Co., Inc.
15 Moore Street

NEWARK, NEW JERSEY
Acme Fast Freight, Inc.
c/o D. L. & W. Passenger Station
Lackawanna & Plane Streets

AIR EXPRESS INTERNATIONAL AGENCY, INC.
Bldg. 56, Newark Airport
Mitchell 2-3646 (see adv.)

Import-Export Service of N. J.
972 Broad Street
National Carloading Corp.
1 Bloomfield Ave.
Redden Inc., Charles A.
973 Broad Street

NORFOLK, VIRGINIA
Acme Fast Freight, Inc.
Main Street & Lake Ave.
*Gaskell Co., Inc., Fred P.
Royster Building
Smith & Co., Inc., W. O.
Citizens Bank Building
*Stone & Co., W. M.
213 East Flume Street

OAKLAND, CALIFORNIA
Acme Fast Freight, Inc.
915 Harrison Street
American Express Travel Service
1501 Broadway
Arthur J. Frits & Co.
1430 Grove St.

ODESSA, TEXAS
Acme Fast Freight, Inc.
1219 W. 1st St.

OGDEN, UTAH
Acme Fast Freight, Inc.
2540 Grand Avenue

OKLAHOMA CITY, OKLAHOMA
Acme Fast Freight, Inc.
14 North Harvey Street

OMAHA, NEBRASKA
Acme Fast Freight, Inc.
723 South Twelfth Street

ORLANDO, FLORIDA
Acme Fast Freight, Inc.
317 N. Parramore

PASADENA, CALIFORNIA
Acme Fast Freight, Inc.
170 S. Arroya Pkwy.

PASSAIC, NEW JERSEY
Acme Fast Freight, Inc.
Liberty St. Freight House

PENSACOLA, FLORIDA
Acme Fast Freight, Inc.
120 E. Chase St.

PEORIA, ILLINOIS
Acme Fast Freight, Inc.
110 North Washington Street

TO ANYWHERE IN THE WORLD

AIR FREIGHT

For complete shipping service, customs clearances and all documentation...call on

COOK'S

350 offices throughout the world... covering principal airline routes.

THOS. COOK & SON

INCORPORATED

Shipping and Forwarding Departments:

NEW YORK: 221 Broadway . . . Digby 9-4540

WASHINGTON: 812 Fifteenth St. N. W. Republic 8555

Midwest Air Export Service
513 S. Jackson Street
PERTH AMBOY, NEW JERSEY
Acme Fast Freight, Inc.
1 V. R. R. New Brunswick Avenue

PHOENIX, ARIZONA
Acme Fast Freight, Inc.
411 S. First Ave.
PHILADELPHIA, PENNSYLVANIA
Acme Fast Freight, Inc.
1417 Penn Blvd.
American Express Co.
1535 Chestnut Street

BEHRING SHIPPING CO.
900 Drexel Bldg.
Evergreen 6-1809 (see adv.)

***BERNACKI, PETER A.**
223 Spring Garden Street
Market 7-6315 (see adv.)

COOK & SON, INC., THOMAS
1010 Walnut Street (see adv.)

***Davies, Turner & Co.**
113 Chestnut St.
***Friedman, Morris**
Drexel Building
Judson Sheldon Division
Lafayette Bldg.
International Expeditors, Inc.
Public Ledger Building
Kura Co., Charles
115 Chestnut Street
Universal Transcontinental Corp.
130 Spring Garden St.
***Steer & Co., John A.**
561 Drexel Building

PITTSBURGH, PENNSYLVANIA
Acme Fast Freight, Inc.
316 Federal Street
American Express Company
513 Wood St.

COOK & SON, INC., THOS.
432 Oliver Ave. (see adv.)

Judson Sheldon Division
1013 Penn Ave.
Sweater Co., R. L.
600 Grant St.

PORTLAND, OREGON
Acme Fast Freight, Inc.
632 North West Front Avenue
International Expeditors, Inc.
817 South West Oak Street
National Carloading Corp.
1013 N. Knot Street

PROVIDENCE, RHODE ISLAND
Acme Fast Freight, Inc.
Canal Street
J. F. Moran Co.
48 Custom House St.

PUEBLO, COLORADO
Acme Fast Freight, Inc.
15 Union Sta. Bldg.

READING, PENNSYLVANIA
Acme Fast Freight, Inc.
8 & Buttonwood Sts.

RICHMOND, VIRGINIA
Acme Fast Freight, Inc.
16th & Franklin Sts.

ROCHESTER, NEW YORK
Acme Fast Freight, Inc.
333 South Avenue

National Carloading Corp.
300 Exchange Street

SACRAMENTO, CALIFORNIA
Acme Fast Freight, Inc.
216 Fifteenth Street
Weinstock Lubin Travel Bureau
1114 K Street
National Carloading Corp.
1316 2nd Street

ST. LOUIS, MISSOURI
Acme Fast Freight, Inc.
300 Carr Street
American Express Company
1001 Olive Street
International Expeditors, Inc.
710 N. 13th Street

J. D. SMITH INTER-OCEAN INC.

• Customs Brokers • Air Freight

• Foreign Freight Forwarders

39 BROADWAY, NEW YORK 6, N. Y.

BOwling Green 9-2332

Branch Office—N. Y. International Airport
Miami Int. Airport, 36 St., Ter. Bldg. P.O.D. 705

FORWARDERS FMB No. 347

Judson Sheldon Division
7 North 7th Street

ST. PAUL, MINNESOTA

Acme Fast Freight, Inc.
413 Prior Ave. N.

National Carloading Corp.
275 E. 4th St.

SALEM, OREGON

Acme Fast Freight, Inc.
295 Cottage Street

SALT LAKE CITY, UTAH

American Express Company
460 W. 1st Street, South

American Express Co.
44 W. 2nd St. S.

International Expeditors, Inc.
103 West Second Street South

SAN ANTONIO, TEXAS

Acme Fast Freight, Inc.
1330 South Flores Street

Mexico Business Exchange
Milan Bldg.

SAN BERNARDINO, CALIFORNIA

Acme Fast Freight, Inc.
130 South "G" Street

National Carloading Corp.
P. O. Box 591

SAN DIEGO, CALIFORNIA

Acme Fast Freight, Inc.
30 South Thirteenth Street

American Express Co., Inc.
1022 4th Ave.

National Carloading Corp.
700 W. Broadway

Shreve & Ha
Room 1, B Street Pier

SAN FRANCISCO, CALIFORNIA

Acme Fast Freight, Inc.
Ferry Building

(Also) Shed G, 4th & Berry Sts.

AIR EXPRESS INTERNATIONAL

AGENCY, INC.

International Airport

J/Uniper 4-5027 (see adv.)

Airborne Flower Traffic, Inc.

S. F. Munic. Airport, Mills Field

Alrho International Corp.

600 Battery Street

American Express Company

Market & New Montgomery Sts.

American Express Travel Service

835 Market St.

***Byrnes & Co., Inc., W. J.**

409 Washington Street

COOK & SON, INC., THOMAS

218 Stockton Street (see adv.)

Dyson Shipping Co., Inc.

211 California Street

Fritz & Co., Arthur

510 Battery Street

Global Air Cargo

420 Market St.

GONDRAND BROS., INC.

110 Market St. (see adv.)

***Harper, Robinson & Co.**

610 Battery Street

Hawaiian Freight Forwarders, Ltd.

420 Market Street

International Expeditors, Inc.

651 Market Street

Mattoon & Co., Inc.

516 Battery Street

National Carloading Corp.

65 New Montgomery St.

(also) 1301 4th St.

Oceanic Forwarding Co.

596 Clay St.

***Paredes & Co., Joseph A.**

510 Battery Street

Philippine Freight & Travel Service

37 California Street

Transoceanic Freight Forwarders

430 Market Street

Universal Transcontinental Corporation

420 Market Street

SAN JOSE, CALIFORNIA

Acme Fast Freight, Inc.

Monterey Road & Stone Street

National Carloading Corp.

97 Bush Street

SAN JUAN, PUERTO RICO

Porto Rican Express Co.

500 Express Street

TRANS-WORLD SHIPPING CORP.

Foreign Freight Forwarders

FORWARDERS FMB No. 573

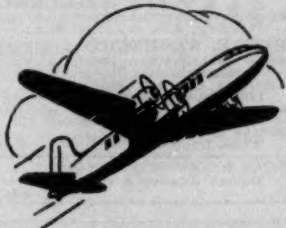
Recognized by:

International Air Transport Association

35 S. William St., New York, N. Y.

Phone: WIThcall 3-1788

**Fast Air Freight Service
For Your Shipping
Everywhere**



**INTERNATIONAL
AIR FREIGHT
FORWARDERS**

Recognized by
International Air Transport
Association

**FOREIGN FREIGHT
FORWARDERS**

(Forwarders FMB No. 793)

PACKING SPECIALISTS

**CUSTOM HOUSE
BROKERS**

**ROHNER, GEHRIG
& CO., INC.**

78 FRONT STREET

Hanover Square

NEW YORK 5, N. Y.

CABLES "ROHGEHRIG"

Telephones: BOwling Green 9-6350
(20 lines)

Idlewild

AIRPORT OFFICE

141-34 Rockaway Boulevard

South Ozone Park, N. Y.

Phones: JAMAica 9-5188-89

**Consult Us About Your
Shipping Problems**

Sweeting & Co.
Ave Miramar 405, Box 4611
SAVANNAH, GEORGIA
Acme Fast Freight, Inc.
Louisville Road & W. Boundary St.
SCHENECTADY, NEW YORK
Acme Fast Freight, Inc.
Pine Street
SCRANTON, PENNSYLVANIA
Acme Fast Freight, Inc.
D. L. & W. R. R. Freight House
First Nat'l Bank of Scranton
Wyoming Ave. & Spruce St.
SEATTLE, WASHINGTON
Acme Fast Freight, Inc.
51 Massachusetts St.
American Express Company
1309 Fourth Avenue
*Anderson & Co., B. R.
314-19 Colman Building
Byrnes & Co., Inc., W. J.
White Building
COOK & SON, INC., THOMAS
Fourth Avenue & Pine Street
(see adv.)

**DO YOU WANT YOUR
AIR SHIPMENTS
to
CARACAS**

**Faster
and
Save \$\$**



Daily Direct Service
Speed • Accuracy
MERCADER, INC.

90 Pine St., New York City
Digby 4-9680
M.I.A.D. Bldg., #3, Miami Int'l Airport
Tel.: 88-4544

Global Air Cargo
Seattle-Tacoma Airport, Box 414
International Expeditors, Inc.
505 Skinner Building
*Jensen, Inc., Norman G.
Smith Tower, 1728
JUDSON SHELTON DIVISION
1411 4th Avenue (see adv.)
Seattle Air Freight Terminal Co.
914 Dearborn St.
Takahaasi, C. T. & Company
216 Third Avenue South
SHERMAN, TEXAS
Acme Fast Freight, Inc.
416 N. Muehle
SHREVEPORT, LOUISIANA
Acme Fast Freight, Inc.
800 Commerce Street
SOUTH BEND, INDIANA
Acme Fast Freight, Inc.
1508 Western Avenue
National Carloading Corp.
1415 S. Olive St.
SPOKANE, WASHINGTON
Acme Fast Freight, Inc.
W. 258 Trant Avenue
National Carloading Corp.
123 E. Riverside Ave.
SPRINGFIELD, MASSACHUSETTS
Acme Fast Freight, Inc.
Columbus Avenue & Emery Street
National Carloading Corp.
1694 Main Street
STOCKTON, CALIFORNIA
National Carloading Corp.
P. O. Box 589
STRATFORD, CONNECTICUT
Personal Air Freight Co.
c/o L. E. Bradley, 188 Main Street
SYRACUSE, NEW YORK
Acme Fast Freight, Inc.
144 South West Street
National Carloading Corp.
122 Dickerson Street
TACOMA, WASHINGTON
Acme Fast Freight, Inc.
706 E. 28th St.
Anderson & Co., B. R.
327 Provident Bldg.
Pacific Air Freight, Inc.
614 Puget Sound Bank Bldg.
TAMPA, FLORIDA
Acme Fast Freight, Inc.
602 N. 19th St.
TEXARKANA, TEXAS
Acme Fast Freight, Inc.
206-7 P & M Building
Third & Pine Streets
TOLEDO, OHIO
Acme Fast Freight, Inc.
508 Seneca Street
National Carloading Corp.
265 E. Erie St.
TROY, NEW YORK
Acme Fast Freight, Inc.
D & H Freight House
TUCSON, ARIZONA
Acme Fast Freight, Inc.
160 N. Court Street
TULSA, OKLAHOMA
Acme Fast Freight, Inc.
15 S. Frankfort St.
Tulsa Crating Co., The
515 South Rockford
TYLER, TEXAS
Acme Fast Freight, Inc.
508 10 E. Oakwood St.

UTICA, NEW YORK
Acme Fast Freight, Inc.
Hoyt & Water Streets
VALLEJO, CALIFORNIA
McGee's Express Van & Storage
441 Capitol Street
WACO, TEXAS
Acme Fast Freight, Inc.
301 South Eighth St.
WALLA WALLA, WASHINGTON
Acme Fast Freight, Inc.
9 Eoyer Avenue
WASHINGTON, D. C.
Acme Fast Freight, Inc.
261 Constitution Ave., N.W.
(also) Shed B, 4 1/2 St.
American Express Company
624 14th St., N.W.
(also) 14th & F Sts.
COOK & SON, INC., THOMAS
512 Fifteenth St., N. W. (see adv.)
Judson Sheldon Division
9th & D Streets
SHAPIRO & CO., INC., SAMUEL
1209 31st Street, N. W.
D'Centur 1209 (see adv.)
WEST PALM BEACH, FLORIDA
Acme Fast Freight, Inc.
15 & Railroad Sts.
WESTWOOD, NEW JERSEY
Riteway Express, Inc.
461 Broadway
WICHITA, KANSAS
Acme Fast Freight, Inc.
210 S. Rock Island
WICHITA FALLS, TEXAS
Acme Fast Freight, Inc.
626 Seventh St. Wichita Hotel Bldg.
WOODSIDE, NEW YORK
Airlane Baggage Carrier Co.
83-15 Roosevelt Ave.
WORCESTER, MASSACHUSETTS
Acme Fast Freight, Inc.
Blackstone & Bridge Sts.
YAKIMA, WASHINGTON
Acme Fast Freight, Inc.
8 S. 1st Ave.
YOUNGSTOWN, OHIO
Acme Fast Freight, Inc.
150 Belmont Ave.
National Carloading Corp.
324 W. Commerce St.
YORK, PENNSYLVANIA
Parr R. R. Freight House
Duke & North Sts. (Door 17-18)

Foreign Countries

ALAGOAS, MACEIO, BRAZIL
Bahia Turismo, S.A.
Rua Conde D'Eu 5, Terreo
Torres & Comp. Ltda.
Rua de Comercio 493/494
ALBERTA, CANADA
Canadian Pacific Express Co.
134A 8th Ave. W.
Muirhead Forwarding Co.
315 Tenth Ave. West, Calgary
Muirhead Forwarding Co.
10120 Jasper Ave., Edmonton

For Responsible and Efficient

FOREIGN FREIGHT FORWARDING SERVICE

...USE...

COLONY SHIPPING CO., Inc.

Recognized by the International Air Transport Association

75 WEST STREET



NEW YORK

FMS No. 570
Tel. BOWling Green 9-2131

IATA AIR CARGO AGENTS—Continued

AMSTERDAM, HOLLAND
American Express Company, Inc.
The Warmonstraat 197/199
Damsquare

ANIBA, ORANJESTAD
N. U. Emaas Handel MIJ
Aniba Bank Bldg.

ANSBACH, GERMANY
American Express Co.

ANTWERP, BELGIUM
American Express Co., Inc.
87 Place de Meir

ATHENS, GREECE
American Express (Hellas) Travel &
Shipping, A. E.
2 Constitution Square

AUGSBURG, GERMANY
American Express Co.
6 Buergermeister Fischer Strasse

BAD NAUHEIM, GERMANY
American Express Co.
9 Parkstrasse

BAHIA, BRAZIL
Irmas Cortizo
Rua Francisco Goncalves 2

BAHIA DE CARAQUEZ, ECUADOR
Baida & Frolani, Ltda.

BALBOA, CANAL ZONE
Pier H. Blok B.
Terminal Bldg.
Boyd Bros., Inc.
Terminal Bldg.

BARBADOS
S. P. Musson Soup Co., Ltd.
Bridge Town

BARRANQUILLA, COLOMBIA
Curacao Trading Co., S. A.
Camera 43 No. 35-133
Echeverri & Cia, Ltda.
Calle 36 #43-54
Intra-Mar Shipping Corp.
Apartado Aereo 771

BASEL, SWITZERLAND
American Express Company, Inc., The
Marktgasse 6

BASSETTERRE, ST. KITTS (B. W. I.)
Emile S. Delisle
Liverpool Row
Ryan & Uddenberg
Bay Road

BELFAST, N. IRELAND
Canadian Pacific Express Co.
35 Donegall Place

BELIZE, BR. HONDURAS
G. Ayuso & Son
1 Daly St.

BERLIN, GERMANY
American Express Company, Inc.
No. 2 Onkel Tom Strasse
(also) Truman Hall

BIRMINGHAM, ENGLAND
American Express Co.
38 Temple Street
Canadian Pacific Express Co.
4 Victoria Square

BOGOTA, COLOMBIA
Curacao Trading Co., S. A.
Calle 14 Z-43, Edificio Laje
Echeverri & Cia, Ltda.
Carrera 1a, No. 15-33
Intra-Mar Shipping Corp.
Apartado Aereo #465

BOMBAY, INDIA
American Express Co., Inc., The
240 Hornby Road (Box 407)

BONAIRE, N. W. I.
Bonaire Trading Co., Ltd.
Kerkstraat 6a, Kralendijk

BRANTFORD, ONT., CANADA
Canadian Pacific Express Co.
167 Colborne St.

BRAS, BRAZIL
Irmãos Cury & Cia
Rua Santa Rosa 470

BRAUNSCHWEIG, GERMANY
Kuhne & Nagel
Bahnhofstrasse 4

BREMEN, GERMANY
American Express Company, Inc.
Haus des Reichs, Rm. 114-119

BREMERHAVEN, GERMANY
American Express Company, Inc.
Hafenstrasse 193

BRIDGETOWN, BARBADOS
Da Costa & Co., Ltd.
Broad St.
S. P. Musson & Co., Ltd.

BRISTOL, ENGLAND
Canadian Pacific Express Co.
18 St. Augustine's Parade

BROCKVILLE, ONT., CANADA
Canadian Pacific Express Co.
46 King St. West

BRUSSELS, BELGIUM
American Express Co., Inc.
81 Rue Cantersteen

BUENAVENTURA, COLOMBIA
Compania Transportadora, S.A.
Apartado 43
Boheverri & Cia, Ltda.
Calle Ja-A con Carrera 2a

BUENOS AIRES, ARGENTINA
American Express Co. of Arg.
Cordoba 854
Astouring
Sarmiento 865
Italia, S.A.N.
Lavalle 369
Italo Argentina de Transportes Inter-
nacionales
Chacabuco 25-77, Requina
Ave. de Mayo, Capital

Mundus S.R.L.
25 de Mayo 574
"Navifrance"
351-359 Corrientes
Sociedad Comercial de Transportes
Transatlanticas
Tucuman 549

BURTONWOOD, ENGLAND
American Express Co., Inc.
Burtonwood U. S. Air Depot

CAIRO, EGYPT
American Express Company, Inc.
Box 2160

CALCUTTA, INDIA
American Express Co., Inc.
Pollock House, Brabourne Rd.

CALGARY, ALBERTA, CANADA
Muirhead Forwarding Co.
215 Tenth Ave. W.

CALI, COLOMBIA
Compania Transportadora, S. A.
Edificio Fielroja, Carrera No. 11-55
Echeverri & Cia, Ltda.
Calle 10 No. 8-55
Intra-Mar Shipping Corp.
Apartado Aereo 218

CARACAS, VENEZUELA
Compania "Ramsey" Internacional
S. A. Edificio San Mauricio Cia. Od-
cina No. 2 Santa Cecilia, a Mijares
Mercader, S. A.
Municipalidad a San Pablo 34

CARTAGENA, COLOMBIA
Compania Transportadora
Edificio Ganem 268
Calle de la Universidad

CAYENNE, FRENCH GUIANA
Compagnie Commerciale des Antilles
Francaises
9 Rue Chaussee Bartines

CHATHAM, ONT., CANADA
Canadian Pacific Express Co.
113 King St. West

CIUDAD TRUJILLO, DOM. REP.
Curacao Trading Co., S. A.
17 Mercedes St.
Porto Rican Express Co.
Apartado 285

N. M. ALBERT CO., INC.

CUSTOMS BROKERS
INTERNATIONAL FREIGHT FORWARDERS
AIR SHIPPING AGENT
INSURANCE

44 WHITEHALL STREET
NEW YORK 4, N. Y.

Digby 4-3677-5-9

Cables: "TREBLANIC", New York

Approved by:
INTERNATIONAL AIR TRANSPORT ASSOCIATION

Member of:
CUSTOMS BROKERS & FORWARDERS ASSOCIATION OF AMERICA, INC.
COMMERCE AND INDUSTRY ASSOCIATION OF N. Y., INC.
FORWARDERS FMB No. 298

THE ONLY
DAILY SCHEDULED
AIR CARGO
SERVICE

NEW YORK

HAVANA!

Via DC-6

CALL MU 2-4200

(in New York)
or your freight
forwarder

FAST, DAILY AIR CARGO SERVICE TO
MIAMI * TAMPA
NEW ORLEANS

... and 29 other cities on the
Eastern Seaboard and Gulf Coast

Airline of the Stars

NATIONAL Airlines

Trans-World Tours, Inc.
25 Isabel la Católica
COLON, REP. OF PANAMA
Balboa Express Agency
Toledano Bldg., Bolívar Avenue
CONCEPCION, CHILE
Compañía Chilena de Transportes
Calle Barros Arana 111
COPENHAGEN, DENMARK
American Express Co.
Dagmarhus V Blvd. 12
CORNERBROOK, NEWFOUNDLAND
Harvey & Co., Ltd.
CORNWALL, ONT., CANADA
Canadian Pacific Express Co.
229 Pitt St.
CORO, ESTADO FALCON, VENEZ.
Compañía Anónima Pisenior
Calle Comercial 53
CORO, VENEZUELA
Compañía Anónima Pisenior
Calle Comercio 59, Estado Falcon
CRISTOBAL, CANAL ZONE
Boyd Bros., Inc.
Royal Mail Bldg.
CURACAO, N. W. I.
Royal Netherlands Steamship Co.
Breedstraat 29
CURITIBA, BRAZIL
Tigges & Cia., Ltda.
Rua 15 de Novembro, 591
DARMSTADT, GERMANY
American Express Co.
25-25 Bahnhofplatz (APO 175)
DUBLIN, IRELAND
American Express Co., Inc.
15 Leinster St. S.
DUNDEE, SCOTLAND
Canadian Pacific Express Co.
85 Commercial St.
DUSSELDORF, GERMANY
Kühne & Nagel
Alexanderstrasse 15
EDINBURGH, SCOTLAND
American Express Company, The
64 Princes Street

EDMONTON, ALB., CANADA
Mase Forwarding Co., R. M.
10014 102 A Ave.
Multhead Forwarding Co.
10129 Jasper Ave.
ENSCHDE, HOLLAND
American Express Company, Inc. The
Markt 5
ESTADO AVZOATEGIN, VENEZUELA
Evoco (Eastern Venezuela Co.)
Calle Bolívar No. 139
Puerto La Cruz
FLORENCE, ITALY
American Express Company, S.A.I.
Lungarno Corsini 8-R
FLORIANAPOLIS, BRAZIL
Osny Gama & Cia.
Rua Jeronimo Coelho 14-A
FORT DE FRANCE, MARTINIQUE
Donald A. Monplaisir
14 Rue Francois Arago
FORT WILLIAMS, ONT., CANADA
Multhead Forwarding Co.
1001 Donald St.
FRANKFURT-AM-MAIN, GERMANY
The American Express Company, Inc.
Taunus Anlage No. 2
FREDERICTON, N.B., CANADA
Canadian Pacific Express Co.
144 Queen St.
FUKUOKA, JAPAN
Keihanshin Kyuko Electric Ry. Co.
Nishi Nippon R.R. Co.
GALT, ONT., CANADA
Canadian Pacific Express Co.
23 N. Water St.
GENEVA, SWITZERLAND
American Express Company, Inc. The
7 Rue Du Mont Blanc
GENOA, ITALY
American Express Company, S.A.I.
Hotel Savoia & Londres Bldg.
GEORGETOWN, BRITISH GUIANA
Sandbach, Parker & Co., Ltd.
45 Water Street
GLASGOW, SCOTLAND
American Express Company, Inc. The
115 Hope Street
GRAFENWOHR, GERMANY
American Express Co., Inc.
Welden Military Sub-Post
GUATEMALA, GUATEMALA
Rafael H. Monroy
5a Av. Norte 3
GUELPH, ONT., CANADA
Canadian Pacific Express Co.
30 Wyndham St.
THE HAGUE, HOLLAND
American Express Company, Inc. The
Plaat 14
HALIFAX, NOVA SCOTIA
Multhead Forwarding Co.
77 Upper Water Street
HAMILTON, BERMUDA
Darrell & Company, John S.
Filtercraft & Lighthouse
Front St.
Gibbons, Ltd., M. A.
Somers Building

Meyer & Company, Ltd., Wm. E.
Watlington & Conyers
Front St.
HAMILTON, ONT., CANADA
Multhead Forwarding Co.
C.N.R. Station, James St. N.
HAVANA, CUBA
Acme Fast Freight, Inc.
Aguilar 357, Deptos 301-3
American Express Company
Paseo de Martí 410
Empresas Aereas, S.A.
451 Esq. Trocadero
Fresneda Travel & Express Service,
Paseo del Prado No. 52
F. A. Rovirosa, S. A.
Bajos Hotel Sevilla
Redikar Air Cargo
Compostela 305
Ultramar Express
Neptune 6, Bajos del Hotel "Plaza"
HEIDELBERG, GERMANY
American Express Company, Inc.
18 Friedrich Ebert Allee
HONG KONG, BRITISH CROWN COLONY
American Express Company, Inc. The
4 Des Voeux Road Central
Flying Cargo, Inc.
Peninsular Hotel
INTERLAKEN, SWITZERLAND
American Express Co., Inc.
25 Hoheweg, Box 3481
ITUVERAVA, BRAZIL
Irmãos Cury & Cia.
R. Cel. Junqueira S/A
JOHANNESBURG, SOUTH AFRICA
American Express Co., Inc.
Fox & Harrison Sts.
KARACHI, PAKISTAN
American Express Co., Inc. The
Oriental Bldg.
KELOWNA, B.C., CANADA
Canadian Pacific Express Co.
Royal Anne Hotel
KINGSTON, JAMAICA
Lascelle, de Mercado & Co., Ltd.
144 Port Royal St.
KINGSTON, ONT., CANADA
Canadian Pacific Express Co.
180 Wellington St.
KITCHENER, ONT., CANADA
Canadian Pacific Express Co.
116 King St. West
KOBE, JAPAN
Keihanshin Kyuko Electric Ry. Co.
KYOTO, JAPAN
Keihanshin Kyuko Electric Ry. Co.
LA GUAIRA, VENEZUELA
"Compania "Ramsey" Internacional S.A.
Apartado No. 191
LE HAVRE, FRANCE
American Express Co., Inc.
Box 1284
LAKENHEATH, ENGLAND
American Express Co., Inc.
U.S.A.F. Base
LANDSBERG, GERMANY
American Express Co., Inc.
Headquarters Bldg.
LEIPZIG, GERMANY
Brandenburger Str. 8

ORDER FORM for additional copies of **AIR SHIPPERS' MANUAL**

Thousands of traffic men rely upon **AIR SHIPPERS' MANUAL** for accurate information on how to route their shipments, where to charter small and large aircraft, where to contact the nearest air freight forwarders, etc. The Fifth Edition will be available only as long as the supply lasts. For extra copies, fill in the coupon below, and send it in with check or money order.

.... copy(ies) @ 35 cents each

Firm
Name
Title
Address
City Zone State

Address orders to:
AIR TRANSPORTATION
10 BRIDGE STREET
NEW YORK 4, N. Y.

BARIAN SHIPPING COMPANY, INC.



**CUSTOM BROKERS
INTERNATIONAL
FREIGHT FORWARDERS
AIR TRANSPORTATION
SPECIALISTS**

**29 BROADWAY
NEW YORK 6, N. Y.
Bowling Green 9-6667-8-9**

Approved by:
INTERNATIONAL AIR TRANSPORT ASSOCIATION

Member of:
**CUSTOM BROKERS &
FORWARDERS ASSOCIATION OF AMERICA, INC.
COMMERCE AND INDUSTRY ASSOCIATION OF N. Y., INC.**

Cable Address: **BARIANAIR**

FORWARDERS FMB No. 26

LIMA, PERU

Agencia de Viajes "Castor"
Avenida Diagonal 490
Alltransport, S.A.
Nueva Municipalidad 187-141
International Transport Co.
Calle Pelota 815
Intra-Mar Shipping del Peru, S.A.
Lescage 118
Servicio Internacional Turismo
"Yoshiyuki Tamura y Cia"
Calle San Diego 724
Ulises Viscardo
Esperados 557

LIVERPOOL, ENGLAND

American Express Company, Inc., The
India Building, Water St.
Canadian Pacific Express Co.
Pier Head
Powell Co. H. C.
7 Tithelbarn St.

LONDON, ONT., CANADA

Canadian Pacific Express Co.
417 Richmond St.

LONDON, ENGLAND

American Express Company, Inc., The
8 Haymarket Street

LUCERNE, SWITZERLAND

American Express Company, Inc., The
Schweizerhofquai 4

LUGANO, SWITZERLAND

American Express Co.
Riva Caccia (Park Hotel)
MANAGUA, NICARAGUA
Brown & Montiel
P. O. Box 17

MANCHESTER, ENGLAND

Canadian Pacific Express Co.
43 Cross St.

MANHATTAN, GERMANY

American Express Co., Inc.
Palast, UFA/Bldg.

MANILA, PHILIPPINES

American Express Co., Inc., The
Calle Juan Luna

MARACAIBO, VENEZUELA

Royal Netherlands Steamship Co.
Apartado Conso 400

MAR DEL PLATA, ARGENTINA

Italo Argentina de Transportes
Internacionales

MARBURG, GERMANY

American Express Co., Inc.
5 Frankfurter Strasse

MARSEILLES, FRANCE

American Express Company, Inc., The
15 La Canebiere

MARTINIQUE, FRANCE

Donald A. Monplaisir
14 Rue Francois Arago,
Fort de France

MEDELLIN, COLOMBIA

Hijos de Pablo Echavarría & Cia.
Carrera 48 No. 50/55
Apartado Aéreo 153
Intra-Mar Shipping Corp.
Apartado Aéreo 1072

MEXICO, D. F., MEXICO

Ultramar Express
Lopez #15 Balcones
Juaréz y Independencia

MIDDLESEX, ENGLAND

American Express Co., Inc.
Victoria Rd. So. Rulalp

MILAN, ITALY

American Express Company, S. A. I.
via Manzoni 41 BIS

MONCTON, NEW BRUNSWICK, N. S.

Muirhead Forwarding Co.
14 Bedford St.

MONTEVIDEO, URUGUAY

Expreso Avion
Misiones 1550
Gondrand Bros., Uruguay, Ltd.
Misiones 1418
Italmar S. de Empresas Maritimas
Calle Buenos Aires 50
Navitrance
25 de Mayo 350

MONTREAL, QUE., CANADA

American Express Company
1010 St. Catherine St. W.
Canada-Ajax World Wide Freight Corp.
407 McGill St.
Cook, Thomas & Son
1241 Peel Street
Doucet, Edgar, Limited
417 St. Peter Street
Foreign Freight Forwarders, Ltd.
486 St. John St. Rm. 17
*Gillespie-Munro Forwarders, Ltd.
Box 1035 (Place D'Ames)
Kitchin, David
781 Victoria Square

Kyle Co., The A. W. W.

419 St. Nicholas St.
Lep Transport (Canada) Ltd.
417 St. Peter Street
Meadows & Co., Canada, Ltd., Thea.
276 St. James Street, West
*Mendelsohn Br. Ltd.
361 Youville Square
Muirhead Forwarding Co.
1000 James St. West
National Carloading Corp.
(Canada) Ltd.
237 Craig St. W.
Rohrer Gehrig & Co., Inc.
415 McGill St.
*St. Arnaud & Borquevin, Ltd.
118 St. Peter St.
Stuart & Sons, James
263 St. Nicholas St.
Ssenkovita, Ltd.
Board of Trade Bldg.
*Tombs Limited, Guy
1111 Beaver Hall Hill

MONTREAU, SWITZERLAND

American Export Co.
Avenue du Dursaal, 15

MUNICH, GERMANY

American Express Company, Inc.
Briennerstrasse, No. 55

NAPLES, ITALY

American Express Company, S.A.I.
Via Santa Lucia 138

NASSAU, BAHAMAS

R. H. Curry & Co., Ltd.
303 Bay St.

NELSON, B.C., CANADA

Canadian Pacific Express Co.
Baker & Ward Sts.

NICE, FRANCE

American Express Company, Inc., The
11 Promenade des Anglais

NORTH BAY, ONT., CANADA

Canadian Pacific Express Co.
217 Main St. West

NUREMBERG, GERMANY

American Express Company, Inc.
Club Americana Bldg.

OBERRAMMERGAU, GERMANY

American Express Co., Inc.
Dorstrasse 17

OKAYAMA, JAPAN

Kelhashin Kyuko Electric Ry. Co.

OKINAWA, JAPAN

American Express Co., Inc.
RYCOM Headquarters

ORANJESTAD, ARUBA, N. W. I

N. V. Eman Handel Mij
Aruba Bank Bldg.

OSAKA, JAPAN

Kelhashin Kyuko Electric Ry. Co.

OTTAWA, ONT., CANADA

Canadian Pacific Express Co.
33 Sparks St.

OWEN SOUND, ONT., CANADA

Muirhead Forwarding Co.
1198 1st Ave. E

PANAMA, PANAMA

Balboa Express Agency
Avenida Cuba & 19th St.
Boyd Bros., Inc.
3 "L" St.

PARAMARIBO, SURINAM

(DUTCH GUAM)
Curacaoch Handels-Matthappij
Steenbakkerijstraat 4-12

PARIS, FRANCE

American Express Company, Inc., The
11 Rue Scribe

PENTICTON, B.C., CANADA

Canadian Pacific Express Co.
332 Main St.

PHILIPSBURG, ST. MAARTEN

(B. W. I.)
Cyrus W. Wathey
55 Voortraat

POINTE-A-PITRE, GUADELOUPE

Societe Commerciale Guadeloupennne
11 Rue Frebault

PORT-AU-PRINCE, HAITI

S.A.M.G. Martijn Import & Export Co.
Rue des Miracles

PORT-OF-SPAIN, TRINIDAD

S. Haug, Ltd.
4 Richmond Street

PRINCE RUPERT, B.C., CANADA

Canadian Pacific Express Co.
3rd Ave. West

PUERTO LA CRUZ, VENEZUELA

Evoco
Calle Bolivar 139

PUERTO VARAS, CHILE

Compania Chilena de Transportes
Av. Del Salvador 140

PUNTO FIJO, VENEZUELA

Curacao Trading Co., S.A.
Calle Sucre 25, Estado Falcon

RECIFE, BRAZIL

J. Debeux & Cia
Edif. da Associacao Commercial
de Pernambuco
Albarto Fonseca & Cia Ltd.
Ave. Marques de Olinda 122
Moreira, M. J.
Ave. Guarapes 210
Wiedemann, W.
Rua 1º de Marco 25
Williams & Co.
Ave. Barbosa Lima 149 Loja 4

REGENSBURG, GERMANY

American Express Co.
Neues-Rathaus
Kuhne & Nagel
Hennauer Strasse 3

REGINA, SASKATCHEWAN

Muirhead Forwarding Co.
1233 Halifax St.

RIBEIRAO PRETO, BRAZIL

Curry & Cia, Iramos
Rua Visconde de R. Branco 24

RIO DE JANEIRO, BRAZIL

Aeromundial de Transportes
Rua Debet 23
Agencia Brasil "Star"
Rua Pedro Lessa 31
Agencia de Viagens, Importacao E Ex-
portacao Ltda.
Avenida Rio Branco 117
Agencia Maritima Norlimes, Ltda.
Avenida Rio Branco 4
American Express, S. A.
74B Rua Mexico
Bahia Turismo, S. A.
Bureau Capital des Viagens
Rua Santa Lucia 72
Ave. Presidente Wilson 198
Casablanca de Turismo e Passagens
Ltda.
Rua da Alfandega 212
Companhia Expresso Federal
Av. Rio Branco 87
Companhia Expresso Mercantil
Rua Araujo Porto Alegre, 56 Sobre-
loja
Gondrand S. A.
Av. Rio Branco No. 277 Loja G
Hummel, Victor
Ave. Presidente Vargas 417A-17
Italmar S. A. Brasileira de
Empresas Maritimas
Avenida Rio Branco 49
F. Pellegrino & Buzzi Ltda.
Rua Beneditinos 26-4 andar
Adriao F. Porto
Avenida Rio Branco 59
Royal Mail Agencies (Brasil), Ltda.
Avenida Rio Branco 51/55
Silva, Rosa & Cia., Ltda.
Rua Teofilo Otoni
Tour Atlantica Turismo e Viagens, Ltda.
Rua Mexico 21-130 Grupo 1391
Transportes Flak, Ltda.
Avenida Rio Branco 267
Tudor, R. A.
Rua Miguel Couto 111
Turismo Cultural Cientifico
Rua Frei Caneca 142
Usada Pupo Cia., Ltda.
Avenida Rio Branco 3
Van Lammereen & Cia., Ltda.
Rua Santa Lucia 72, a. 261

ROME, ITALY

American Express Company, S.A.I.
Piazza Di Spagna No. 39

ROSARIO, ARGENTINA

Houlder Bros. & Co. (Argentina) Ltd.
Calle Sania 19, 223

ROTTERDAM, HOLLAND

American Express Company, Inc., The
130 Meent, Box 22

ST. BONIFACE, MAN., CANADA

Canadian Pacific Express Co.
136 Frovener Ave.

ST. GEORGES, BERMUDA

Meyer & Co., Ltd., William E.

ST. JOHN, N.B., CANADA

Muirhead Forwarding Co.
49 Canterbury

ST. JOHN, NOVA SCOTIA

Muirhead Forwarding Co.
49 Canterbury Street

ST. JOHNS, ANTIGUA, B.W.I

George W. Bennett
Bryson & Co., Ltd.

ST. JOHN'S, NEWFOUNDLAND

Harvey & Company, Ltd.

SAN JOSE, COSTA RICA

Jack Salomons
Av. 4 Entre Calles 2-10
(Concluded on Page 35)

CAB-AUTHORIZED AIR FREIGHT FORWARDERS

ABC AIR FREIGHT CO.

496 W. 57th Street
New York, N. Y.
BRyant 9-5346 (see adv.)

ACE AIR FREIGHT CO., INC.

47 West
25th Street, New York, N. Y.

ACME AIR CARGO, INC.

2 Lafayette Street
New York, N. Y.
MARcay 7-2896 (see adv.)

AIRBORNE COORDINATORS, INC.

Cleveland Municipal Airport, Cleve-
land 11, Ohio

AIRBORNE FLOWER AND FREIGHT TRAFFIC, INC.

San Francisco Municipal Airport, South San Francisco,
California

AIR EXPRESS INTERNATIONAL AGENCY, INC.

44 Whitehall Street
New York, N. Y.
Dighy 9-3566 (see adv.)

AIR FREIGHTWAYS

North Philadelphia Airport, Philadelphia 35, Penn-
sylvania

AIR-LAND FREIGHT CONSOLI- DATORS, INC.

510 Battery Street,
Room 301, San Francisco, California

AIR LANES SERVICE, INC.

1503 Engi-
neers Building, Cleveland 14, Ohio

ALLIED AIR FREIGHT, INC.

455 West
34th Street, New York 13, N. Y.

AMERICAN SHIPPERS, INC.

335 East
6th Street, Los Angeles, California

PETER A. BERNACKI

140-2 West Broadway
New York, N. Y.
Worth 4-3566 (see adv.)

W. J. BYRNES AND COMPANY OF
NEW YORK, INC., 35 Broadway, New
York 4, N. Y.
CLOUD LANE, 1001-S W. T. Waggoner
Building, Fort Worth 2, Texas
DOMESTIC AIR EXPRESS, 3600 North
Clybourn Avenue, Burbank, Califor-
nia

EMERY AIR FREIGHT CORP.

214 E. 39th Street
New York, N. Y.
ORegon 9-1620 (see adv.)

FLYING CARGO, INC.

140 Cedar Street,
New York 6, N. Y.

GLOBAL AIR CARGO, 1011 South Hill Street, Los Angeles 16, California

HIGHWAY EXPRESS LINES, INC., 236 North 23rd Street, Philadelphia 3, Pennsylvania

INTER CITY AIR FREIGHT AGENCY, DIVISION OF INTER CITY AVIA- TION, INC., Logan International Air- port, Boston 25, Massachusetts

LIFSCHULTZ AIR FREIGHT, 173 West Madison Street, Chicago, Illi- nois

MERCADER, INC., 90 Pine Street, New York 6, N. Y.

METROPOLITAN AIR FREIGHT DE- POT, INC., 315 West 36th Street, New York, N. Y.

PACIFIC AIR FREIGHT, INC., Box 444, Seattle-Tacoma Airport, Seattle 88, Washington

SKYWAYS FREIGHT FORWARDING CORP., 153 West 52nd Street, New York 18, N. Y.

THE TRANS-EXPORT CO., 98-50 63rd Drive, Forest Hills, New York

WINGS AND WHEELS EXPRESS, INC., 6100 West 63rd Street, Chicago 38, Illinois

FOR SALE—AIRCRAFT PARTS

West Coast's largest stock of Douglas, Con-
stellation, AT4, P51, and C44 parts; P&W,
Wright engine parts and accessories. Com-
plete stock AN hardware, fittings, electrical
parts, and special customer machined parts.

Complete catalog upon request

COLLINS ENGINEERING COMPANY

7050 Washington Blvd. Culver City, Calif.

SEND YOUR CARGO
VIA LAY CONSTELLATION

FASTEST AIRCARGO SERVICE!

From NEW YORK

5 hours NON-STOP

HAVANA

7½ hours NON-STOP

to CARACAS

Also direct flights to
LIMA, PERU.

Daily flights except Monday
... Only One Airwaybill

Domestic Service to all points in
Venezuela

For information and pickup, phone
Olympia 6-5455 or write LAV, 781
Fifth Avenue, N. Y. 22, N. Y.



LINEA AEROPOSTAL VENEZOLANA

THE VENEZUELAN AIRLINE

WINNER 1956 INTER-AMERICAN AVIATION
SAFETY AWARD

Reasons
to choose

**PAL
AIR CARGO**



PHILIPPINE AIR LINES

SAN FRANCISCO • NEW YORK • CHICAGO • WASHINGTON, D.C. • LOS ANGELES • HONOLULU • MANILA • HONG KONG • TAIPEH • OKINAWA • TOKYO

PAGE 32—AIR TRANSPORTATION—Air Commerce



DEPENDABLE—Douglas DC-6's
assure on time deliveries.



FAST—Only 36 hours total
time—fastest from San Fran-
cisco to Manila.



CAREFUL HANDLING—Expe-
rienced personnel, up-to-date
equipment for safer, efficient
cargo handling. Special care for
perishable goods.



RAPID TRANS-SHIPMENT—
Direct service to principal cities
around 35 of the world plus joint
cargo rates with other major air-
lines provide prompt, depend-
able trans-shipment to all points
in the Orient, Australia, India,
the Middle East and Europe.

U. S. IRREGULAR AIRLINES (LARGE) & NON-CERTIFICATED CARGO CARRIERS

(Including U. S. Territories and Possessions)

AERO FINANCE CORPORATION, Route No. 1, Box 185, Miami 38, Fla.
AEROVIA SUD AMERICANA, INC., Pinellas International Airport, St. Petersburg, Fla.
AIR CARGO EXPRESS, INC., Teterboro Air Terminal, Teterboro, N. J.
AIR SERVICES, INC., Administration Bldg., Newark Airport, Newark, N. J.
AIR TRANSPORT ASSOCIATES, INC., Box 55, Boeing Field, Seattle 8, Wash.
AIRLINE TRANSPORT CARRIERS, INC., Lockheed Air Terminal, Burbank, Calif.
ALL-AMERICAN AIRWAYS, INC., 273 N. E. 108th St., Miami, Fla.
AMERICAN AIR EXPORT & IMPORT CO., INC., P. O. Box 579, Miami Springs, Fla.
AMERICAN AIR TRANSPORT AND FLIGHT SCHOOL, INC., P. O. Box 131, Miami Springs, Fla.
AMERICAN FLYERS, INC., Mancham Field, Fort Worth, Texas.
ARCTIC-PACIFIC, INC., Box 47, Boeing Field, Seattle 8, Wash.
ARGONAUT AIRWAYS CORPORATION, P. O. Box 217, Miami Springs, Fla.
ARNOLD AIR SERVICE, INC., Boeing Field Terminal Bldg., Seattle 8, Wash.
ARROW AIRWAYS, Lockheed Air Terminal, Burbank, Calif.
ASSOCIATED AIR TRANSPORT, INC., c/o Francis M. Wistert, 70 Broadway, New York.
ASSOCIATED AIRWAYS, INC., Lockheed Air Terminal, Burbank, Calif.
AVIATION CORPORATION OF SEATTLE, P. O. Box 40, Airline Terminal Building, Boeing Field, Seattle 8, Wash.
BLATZ AIRLINES, INC., 3132 West 74th Street, Los Angeles 43, Calif.
CAPITOL AIRWAYS, INC., Berry Field, Nashville, Tenn.
CARIBBEAN AMERICAN LINES, INC., P. O. Box 615, Miami International Airport Branch, Miami 48, Fla.
CENTRAL AIR TRANSPORT, INC., P. O. Box 28, Miami 48, Fla.
COASTAL AIR LINES, INC., c/o Rathbone, Perry, Kelly and Drye, 70 Broadway, New York.
COASTAL AIRLINES, INC., 3330 S. E. 50th Avenue, Portland, Ore.
COASTAL CARGO CO., INC., Teterboro Air Terminal, Teterboro, N. J.
CONNER AIR LINES, INC., P. O. Box 122, Miami Springs, Fla.
CONTINENTAL CHARTERS, INC., Route No. 1, Box 187, Miami 38, Fla.
COOK CLELAND CATALINA AIRWAYS, INC., Cook Cleland Airport, Willoughby, Ohio.
CURRY AIR TRANSPORT LTD., Municipal Airport, Gatesburg, Ill.
ECONOMY AIRWAYS, INC., 431 West 37th St., New York.
FEDERATED AIRLINES, INC., 319 West 48th St., New York.
FREIGHT AIR, INC., P. O. Box 534, Miami Springs, Fla.
GENERAL AIRWAYS, INC., 6750 N. E. Marine Drive, Portland 13, Ore.
GOLDEN AIRWAYS, INC., 500 8th Street, Manhattan Beach, Calif.
GOLDEN NORTH AIRWAYS, INC., Box 888 Fairbanks, Alaska.
GREAT LAKES AIRLINES, INC., Lockheed Air Terminal, Burbank, Calif.
HARDY AVIATION, INC., P. O. Box 408, Waynesboro, Pa.
HEMISPHERE AIR TRANSPORT, 10 East 40th St., New York.
HENSON FLYING SERVICE, INC., P. O. Box 1382, Missoula, Mont.
KESTERSON, INC., c/o Tennessee Bureau of Aeronautics, Berry Field, Nashville, Tenn.
LOS ANGELES AIR SERVICE, 3901 West Imperial Blvd., Los Angeles 45, Calif.
A. PAUL MANTZ & SONS, A. PAUL MANTZ AIR SERVICES, Hangar No. 1, Lockheed Air Terminal, Burbank, Calif.
METEOR AIR TRANSPORT, INC., Teterboro Air Terminal, Teterboro, N. J.
MIAMI AIRLINE, INC., 100 N. E. 88th Street, Miami 38, Fla.

MISSOURI AIRWAYS, INC., Box 56, Lambert Field, St. Louis 21, Mo.
MODERN AIR TRANSPORT, INC., 132 West 47th St., New York.
MONARCH AIR SERVICE, 6054 South Cicero, Chicago Municipal Airport, Chicago 38, Ill.
NATIONWIDE AIR TRANSPORT SERVICE, INC., P. O. Box 1226, Miami Springs, Fla.
NEW ENGLAND AIR EXPRESS, INC., Teterboro Air Terminal, Teterboro, N. J.
NU-WAY AIR EXPRESS, 1642 Madison Avenue, New York.
OCEAN AIR TRADEWAYS, Cape May County Airport, Wildwood, N. J.
OSWALD ALASKA AIRWAYS, 1109 S. Grant St., Tacoma, Wash.
OVERSEAS NATIONAL AIRWAYS, 291 Conny St., San Francisco, Calif.
OXNARD SKY FREIGHT, INC., Lockheed Air Terminal, Burbank, Calif.
PACIFIC ALASKA AIR EXPRESS, INC., Box 2406, Anchorage, Alaska.
PACIFIC OVERSEAS AIRLINES CORP., P. O. Box 152, International Airport, Ontario, Calif.
PEARSON-ALASKA, INC., Lockheed Air Terminal, Burbank, Calif.
PERIN-ALASKA AIR TRANSPORT, P. O. Box 209, Miami Springs, Fla.
QUAKER CITY AIRWAYS, INC., North Philadelphia Airport, Philadelphia 36, Pa.
REGINA CARGO AIRLINES, INC., 7609 4th Avenue, Brooklyn 9, N. Y.
REMMERT-WERNER, INC., Lambert Field, St. Louis 21, Mo.
RIDDLE AVIATION CO., International Airport, Miami, Fla.
ROBIN AIRLINES, INC., Lockheed Air Terminal, Burbank, Calif.
ROYAL AIR SERVICE, International Terminal, Oakland Municipal Airport, Oakland, Calif.
S. S. W. INC., P. O. Box 471, Concord, Calif.
SEABOARD & WESTERN AIRLINES, INC., 30 Broad Street, New York.
SOUND DOUGH AIR TRANSPORT, Box 1639, Fairbanks, Alaska.
SOUTHERN AIR EXPRESS, P. O. Box 1429, Clearwater, Fla.
SOUTHERN AIR TRANSPORT, 3191 S. W. 19th Terrace, Miami 35, Fla.
STANDARD AIR CARGO, Lindbergh Field, San Diego, Calif.
EDGAR A. STEWART, 8060 Glider Avenue, Los Angeles 45, Calif.
STRATO-FREIGHT, INC., Bradley Field, Windsor Locks, Conn.
TOTEM AIR SERVICE, INC., Administration Bldg., Boeing Field, Seattle 8, Wash.
TRANS-ALASKAN AIRLINES, INC., P. O. Box 1994, Anchorage, Alaska.
TRANS-AIR HAWAII, INC., Honolulu Airport, P. O. Box 3736, Honolulu, T. H.
TRANSAIL, INC., Pinellas International Airport, St. Petersburg, Fla.
TRANS AMERICAN AIRWAYS, Lockheed Air Terminal, Burbank, Calif.
TRANS CARIBBEAN AIR CARGO LINES, INC., 158 West 56th Street, New York.
TRANS NATIONAL AIRLINES, INC., Long Beach Municipal Airport, Long Beach, Calif.
TRANSOCEAN AIR LINES, Oakland Municipal Airport, Oakland 14, Calif.
TWENTIETH CENTURY AIR LINES, INC., P. O. Box 302, Charlotte 1, N. C.
U. S. AIRCOACH, Administration Bldg., Long Beach Municipal Airport, Long Beach, Calif.
THE UNIT EXPORT COMPANY, INC., P. O. Box 2064, Miami 12, Fla.
VIRGIN ISLANDS AIR SERVICE, INC., Suite 2066, Hotel McAlpin, Broadway at 14th St., New York.
WORLD AIRWAYS, INCORPORATED, Teterboro Air Terminal, Teterboro, N. J.
ZIGLER FLYING SERVICE, P. O. Box 877, Jennings, La.

UNITED STATES IRREGULAR AIR CARRIERS (SMALL)

KEY TO SYMBOLS: A—Ambulance; AO—Area of Operations; C—Cargo; I—Instruction; M—Mapping; P—Passengers; PH—Photography; S—Sales; SU—Surveying; X—No Information. Aircraft shown in parentheses indicate they are on order or in the process of modification.

A
A C FLYING SERVICE, P. O. Box 1078, Galveston, Tex.
A & D FLYING SERVICE, INC., P. O. Box 5, Wallingford, Conn.
A & H FLYING SERVICE, Fletcher, N. C.
ABERDEEN FLYING SERVICE, Aberdeen, S. D.
ABILENE AVIATION CO., Box 1654, Abilene, Tex.
ABIUSO AVIATION, JOHN, RD. 1, Box 221, New Cumberland, Pa.
 John Abiuso, pres.; Stinson Station Wagon, Lucombe, 4 Aeronauts (Stinson); AO—East U. S.; C-P.
AKKEN AVIATION CO., 1236 29th St., Ashland, Ky.
ACADIA AVIATION, INC., P. O. Box 37, Ellsworth, Me.

AD-AIR ACADEMY, Stinson Field, San Antonio, Tex.; J. E. L'Hommiedieu & O. K. Williams, props.
ADA FLYING SERVICE, Municipal Airport, Ada, Okla.; Clarence Rawls, mgr.; Cub Cruiser, 6 Cub Trainers; AO—X; C-P.
ADAMS COUNTY FLYING SERVICE, Box 84, Natchez, Miss.
JOE ADAMSON, Box No. 2, Box 69, Okmulgee, Okla.
ADIRONDACK AERO SERVICE, Warren County Airport, Glens Falls, N. Y.
ADIRONDACK P-O AIRMOTIVE CORP., 4166-5th Ave., Bklyn 32, N. Y.
AER-O-TEC, Box 572, Pascagoula, Miss.
AERO ACTIVITIES, INC., Detroit City Airport, Detroit.
AERO ENTERPRISES, INC., Suite 625, Mack Bldg., Denver, Colo.

- AERO ENTERPRISES, INC., Mencham Field, Ft. Worth, Tex.; E. L. Adams, pres.; PT-111, 11 Coast; AO—Tex. & adjoining states; C.I.
- AERO FLYING SERVICE, INC., Lincoln Airport, Lincoln Park, N. J.
- AERO FLYING SERVICE, Riverside Airport, Wichita, Kan.; A. C. Watts and E. J. Bullock, props.
- AERO FLYING SERVICE, 1036 N. Milwaukee St., Milwaukee, Wis.
- AERO INDUSTRIES CORP., Box 1645, New Haven 9, Conn.
- AERO MANOR, W. Holmes Rd., Lansing 15, Mich.
- AEROMARINE OF ST. AUGUSTINE, INC., Box 81, Municipal Airport, St. Augustine, Fla.
- AEROMARINE, INC., Municipal Airport, Council Bluffs, Iowa; Floyd E. Hughes, Jr., pres.; Stinson 150, Luscombe 8E; AO—U. S.; P.
- AEROMARINE TRANSPORTATION SERVICE, INC., 517 Hibernala Bldg., New Orleans.
- AERO NATIONAL CHARTER SERVICE, 15195 Maple-Silver Lake, Linden, Mich.
- AERONAUTICAL SALES & SERVICES, INC., P. O. Box 474, Flint 2, Mich.
- AERO-NEW ENGLAND ASSO., Box 560 Littleton, N. H.
- AERO SALES COMPANY, P. O. Box 756, Uvalde, Tex.
- AERO SERVICE, Boeing Field, Seattle.
- AERO SERVICES, Rte. No. 2, Mercedes, Tex.
- AERO TRAINING AND TRANSPORT, INC., Hangar No. 2, Lunken Airport, Cincinnati.
- AEROWAY, Box 6064, Richmond, Va.
- AEROMOTIVE SERVICE COMPANY, P. O. Box 1167, Midland, Tex.
- AEROSALES, INC., 563 Riverside Ave., Jacksonville, Fla.
- AEROSERVICE CO. OF IDAHO FALLS, IDA., INC., Box 775, Idaho Falls, Ida.
- AEROSERVICE, INC., Box 1, Municipal Airport, Omaha.
- AGONAIR SERVICE, RR #1, Davenport, Ia.; Robert A. Parmele, pres.; AO—U. S.; Cessna 195, Clipper; C.P.
- AIKEN FLYING SERVICE, Box 215, Aiken, S. C.
- AIRBORNE AIR SERVICE, Ainsworth, Neb.; Dan Higgins, pres.; Stinson Voyager, Station Wagon (Bonanza); AO—U. S.; C.P.
- AIR ACTIVITIES, INC., Municipal Airport, Mason City, Iowa.
- AIR ACTIVITIES, INC., Box 98, Dunkirk, N. Y.
- AIR ACTIVITIES, INC., Box 421, Elkins, W. Va.; A. O. Cappadony, pres.; Aerona Sedan, Cessna 140; AO—U. S.; C.P.
- AIR AMBULANCE CO., Box 101, Beatrice, Neb.
- AIR CARGO EXPRESS, 436 W. Jefferson St., Tallahassee, Fla.
- AIR CENTER INC., Bernard Airport, Youngstown, Ohio.
- AIR CHARTER, Box 1435, Hurley, N. Y.
- AIR CHARTER SERVICE, Box 1045, Stamford, Conn.
- AIR CHARTER SERVICE, 2549 McBride, Great Bend, Kan.
- AIR CITY, INC., Sturtevant, Wis.
- AIR CITY FLYING SERVICE, Box 131, Vandalia, Ohio.
- AIR FACILITIES CORP., 68 William St., New York, N. Y.
- AIR HOLIDAY, INC., Trumbull Airport, Groton, Conn.; Joseph B. Burns, pres.; Stinson 150, 3 Cessna 140s; 2 Aerona, 4 Kroonops; AO—H. Y., England; C.P.
- AIR MART, THE, 9 Divise Apts., Minut, N. D.; B. O. Sogard, pres.
- AIR PICK UP COMPANY, INC., 660 Linden st., Shreveport, La.
- AIR PROGRESS, INC., Box 1321, Wilmington, N. C.
- AIR RAILS AND SERVICE, INC., Weir Cook Municipal Airport, Indianapolis 44, Ind.
- AIR SERVICE, Box 719, Muncie Airport, Atlanta, Ga.; A. P. Dodd, pres.; Howard, 3 Cessna T-50s; AO—U. S.; C.P.
- AIR SERVICE CO. THE, Municipal Airport, Seminole, Okla.
- AIR SERVICE, INC., Box 419, Charleston, S. C.
- AIR SERVICE INC., Bellanca Field, Newcastla, Delaware.
- AIR SERVICES, INC., P. O. Box 244, N. Canton, Ohio.
- AIR SERVICES, INC., Newsgo, Mich.
- AIR TAXI, INC., Box 1374, Parkersburg, W. Va.
- AIR TERMINAL SERVICE, INC., 6009 Minion Rd., Stinson Field, San Antonio, Tex.; M. A. Bateman, pres.; Fairchild 24, PT-36; 6 Bellanca; 1 AO—San Antonio area; P.
- AIR TRANSPORT SERVICE, 1320 St. Clare Rd., Mt. Royal, Canada; AO—Canada, U. S.; T-50 (3 T-50s); C.P.
- AIRCO AVIATION CORP., Box 1085, Tampa, Fla.
- AIRCRAFT SALES CO., INC., Hoosier Airport, Indianapolis.
- AIRCRAFT SALES CO., INC., Hoosier Airport, Fort Worth, Tex.
- AIRCRAFT SALES CO., INC., Box 191, Prescott, Ariz.
- AIRCRAFT SALES CORP., Box 3191, Charleston 32, W. Va.; David F. Williams, pres.; 2 Piper PA-12s (1 Cessna); AO—Charleston 300-mile radius; C.P.
- AIRCRAFT SERVICE CO., Bradley Field, P. O. Box 829, Boise, Ida.; John D. Bradley, pres.; Travelaire 6000, Fairchild 45, 2 Navona, 7 Luscombe; AO—Ida., Utah, Nev., East Ore., West Mont.; C.P.
- AIRCRAFTERS, INC., Airport, Rehoboth Beach, Dela.; Ercoupe, Twin Cessna, 2 Stinson, 3 Cubs; AO—U. S.; C.P.
- AIRCRAFTSMEN, INC., P. O. Box 2516, Okla. City, Okla.
- AIRFIELDS OPERATING CORP., Box 192, Salisbury, Md.; Stanley H. Rayner, pres.; Bellanca, Kroonops; AO—U. S.; C.P.
- AIRLIGHT, INC., Muncie Airport, Savannah, Ga.
- AIRHAVEN AIRPORTS, INC., P. O. Box 954, Phoenix, Ariz.
- AIR-O-FLYERS, 6429 Anaheim-Telegraph Rd., Los Angeles, Cal.
- AIRPARK PAPER CUB SALES & SERVICE, INC., Box 659, Hicksville, N. Y.
- AIRPARKS, INC., RFD 2, Box 482, Barberton, Ohio.
- AIRPARKS, INC., Bunker Hill Air Facility, Bunker Hill, Ind.
- AIRPORT ASSOCIATES, N. Phila. Airport, Phila., Pa.
- AIRPORTS, INC., Frankford, Del.
- AIRPORTS, INC., Wilder Rd., Bolton, Mass.
- AIR-TRAVEL, Box 190, Valparaiso, Ind.
- AIRWAY FLIGHT SERVICE, INC., Municipal Airport, Kansas City, Mo.
- AIRWAYS SERVICE, INC., Wagner, S. D.
- AKRON AIRWAYS, INC., Akron 6, Ohio.
- AKRON FLYING SERVICE, Akron, Colo.
- ALABAMA AIR SERVICE, Allenton P.O., Box 2188, Montgomery.
- ALABAMA AVIATION SERVICE, Russell Field, Alexander City, Ala.
- ALABAMA AVIATION SERVICE, INC., Box 1331, Burlington, N. C.
- ALAMO AIRLINE SERVICES, INC., San Antonio Munic. Airport, San Antonio, Tex.
- ALAMO AVIATION, INC., Muncie Airport, San Antonio, Tex.
- ALAMO FLYERS, Rte 1, Box 603, Stinson Field, San Antonio, Tex.
- ALBANY AIR SERVICE, INC., Box 591, Albany, Ga.; W. L. Hall, pres.; 3 Cessna T-50s, Bonanza; AO—U. S.; C.P.
- ALBIA AIRWAYS, Albion, Iowa.
- ALBANY AIRCRAFT CO., Box 807, Albany, N. Y.
- A. S. ALEXANDER, Box #27, Belmont, Cal.
- ALEXANDRIA AVIATION CO., 2031 Albert St., Alexandria, La.
- ALEXANDRIA-VIRGINIA AIRPORT, INC., RFD No. 4, Box 75, Emma Field, Alexandria, Va.
- ALLEN AVIATION SERVICE, Allen Air Port, Topeka, Kans.; John O. Allen, prop.; Cessna 170; AO—U. S.; C.P.
- ALLENDALE FLYING SERVICE, BOX 141, Allendale, S. C.
- ALLIED AIR SERVICE, P. O. Box 121, Coleta, Cal.
- ALLIED AIRWAYS, INC., Seaside Field, South Bend, Ind.
- ALTAIR, INC., 520 Feit Bldg., Salt Lake City; Charles H. Lowell, pres.; Bonanza (Bonanza); AO—U. S.; C.P.
- ALTO AIR SERVICE, Muncie Airport, Traverse City, Mich.
- ALVA FLYING SERVICE, Box 519, Alva, Okla.
- AMARILLA FLYING SERVICE, Box 3, Box 539, Amarillo, Tex.
- AMERICAN AIR CHARTER, INC., Boeing Field, Seattle.
- AMERICAN AIRCRAFT CORP., Box 1509, Knoxville, Tenn.
- AMERICAN AVIATION ACTIVITIES, Box 3134, Corpus Christi, Tex.
- AMERICAN AVIATION CO., Box 1452, Des Moines, Ia.; George J. Hansen, prop.
- AMERICAN AVIATION, INC., 11660 North Federal Blvd., Denver, Colo.
- AMERICAN AVIATION SERVICE, P. O. Box 1791, Greensboro, N. C.
- ANDERSON AIR ACTIVITIES, General Mitchell Field, Milwaukee, Wis.
- ANDERSON CHARTER & FLYING SERVICE, INC., Ace Airport, Anderson, Ind.
- ANDERSON FLYING SERVICE, Rockspings, Tex.
- ANDREW FLYING SERVICE, LTD., Box 329, Honolulu; Glen V. Andrew, pres.; 6 Cessna T-50s, 6 Interstate Cadet S-1As, 10 Cubs, Taylorcraft, 2 F-24Ws, Stinson L-5, Cessna, 1440; AO—Hawaii; C-I-M-P-PH-8-50.
- ANDREWS-MURPHEY AIR PARK, Andrews, N. C.
- ANGELO AERO SERVICE, Box 1169, Mathis Field, San Angelo, Tex.; A. C. McGlothlin, pres.; 2 Cessna T-50s; AO—U. S.; C.P.
- ANGLICAN AIR FLYING SERVICE, INC., Box 212, Annapolis, Md.
- ANTHONY & SONS, INC., E. 535 Pleasant St., New Bedford, Mass.
- ARETZ FLYING SERVICE, RR #31, Arez, Arizona, Lafayette, Ind.; L. I. Arez, pres.; PT-19, Stinson 150, Taylorcraft A-8, Luscombe A-8, 1 AO—U. S.; C.P.
- ARKADELPHIA AIRPORT, INC., Box 245, Arkadelphia, Ark.
- ARKANSAS AVIATION SERVICE, INC., P. O. Box 248, Pine Bluff, Ark.; B. D. DeWense, Jr., pres.; Cessna UC-78, 3 Stinson Station Wagon, 2 AC, 1 Cessna, 1 Cessna, 1 Cessna; C.P.
- ARKANSAS POSTTECHNICAL COLLEGE, Russellville, Ark.
- ARLINGTON AIRPORT, INC., R. D. 3, Poughkeepsie, N. Y.
- AROSTOOK AIR ACADEMY, Houston, Mo.
- ARROW AIR AMBULANCE SERVICE, 1786 Rademaker Ave., Detroit.
- ARROW AVIATION, INC., Lincoln, Neb.
- ARROWHEAD AIRWAYS, Box 421, Hibbing, Minn.; L. M. Wittig, prop.; Cessna UC-78, Seabee, Waco UPF-7; AO—U. S.; Canada; C.P.
- ARROWHEAD AIRWAYS, Box 421, Hibbing, Minn.; L. M. Wittig, prop.; Cessna UC-78, Seabee, Waco UPF-7; AO—U. S.; Canada; C.P.
- ASE AIRWAYS, INC., 1701 Overlook Drive, Springfield, Ohio.
- ASHEURN FLYING SERVICE, INC., RFD 4, Alexandria Airport, Alexandria, Va.
- ASHEURN FLYING SERVICE, P.O. Box 24, Hanco Path, S. C.
- ASSOCIATED AVIATION, INC., Hangar No. 5, Lunken Airport, Cincinnati.
- ASSOCIATED CALLENS FLYING SERVICE, INC., Box 693, Cincinnati.
- ASTOR, VINCENT, 151 W. 42nd St., N. Y.
- ATLANTIC AIR, INC., Box 647, Gadsden, Ala.
- ATLANTIC AIR LINES, 1523 Walnut St., Philadelphia; 2 small aircraft; C.P.
- ATLANTIC AIR LINES CHARTER SERVICE, Box 672, Wilmington, N. C.
- ATLANTIC AIRCRAFT DISTRIBUTORS, INC., Muncie Airport, Baltimore, Md.
- ATLANTIC AVIATION CORP., Box 146, Hawsbrook Heights, N. J.
- ATLANTIC AVIATION SERVICE, Du Pont Airport, Box 3638, Wilmington 199, Del.
- ATLANTIC CITY AERIAL SERVICE, Eader Field, Atlantic City, N. J.; H. J. Haden, pres.; Cub, Taylorcraft, 2 Gulf Wing Stinsons; AO—East U. S.; C.P.
- ATLANTIC CITY FLYING SERVICE, Atlantic City Mpl. Airport, Atlantic City, N. J.
- ATLAS AIRWAYS, INC., 100 West Monroe St., Chicago, Ill.; Arthur J. Bernstein.
- ATTICA FLYING SERVICE, INC., RR #4, Attica, Ind.; Orville L. Brown, pres.; Stinson Station Wagon; AO—300-mile radius; C.P.
- ATWOOD AIRCRAFT, Atwood Airport, Northampton, Mass.; Roger L. Atwood, prop.
- AUBURN AIRPORT, INC., 777 Washington St., Auburn, Mass.
- AUBURN AVIATION CO., INC., Auburn, N. Y.
- AUBURN FLYING SERVICE, Auburn Airport, Auburn, Ind.
- AUBURN SCHOOL OF AVIATION, Ala. Polytechnic Institute, Auburn, Ala.; W. C. Rhodes, mgr.; Cessna, PA-12, Bonanza (Bonanza); AO—SE States; C.P.
- AUGUSTA SCHOOL OF AVIATION, INC., P. O. Box 1010, Augusta, Ga.; Willis M. Bonhears; 10 Cubs & Twin Cessna; AO—Ga., S. C.; P.
- AUSTIN AERO SERVICE, Municipal Airport, Austin, Minn.
- AUSTIN AERO SERVICES, INC., Rte. 2, Box 108A, St. Edwards Airport, Austin, Tex.; Charles A. Quist, Jr., pres.; Luscombe, PA-11, Aerona, 3 Stinson 150s; AO—U. S.; P.
- AUSTINTOWN AIRPORT, INC., 1201 S. Niles-Canfield Rd., Youngstown, O.
- AVEX, INC., Box 87, Coral Gables, Fla.
- AVIATION ACTIVITIES CO., Sherman Field, Concord, Calif.
- AVIATION CENTER, INC., Lunken Airport, Cincinnati; Thomas H. Noonan, multi-engine planes; AO—U. S.; Canada; C.P.
- AVIATION INDUSTRIES, INC., P. O. Box 431, Coeur d'Alene, Idaho; also Olympia Municipal Airport, Olympia, Wash.; H. A. Buroker, pres.; Stinson Station Wagon, 3 Fairchild 24s, 3 Cessna UC-78s, 4 Wacos, 2 Super Cruisers, 8 Kroonops, 12 Cubs (6 Luscombe, 3 Navions); AO—U. S.; Canada, Mexico; C.P.
- AVIATION SCHOOLS & SERVICE, INC., Blairtown, N. J.; Frank S. Pittenger, pres.; Aerona, Stinson 150; AO—not restricted; P.
- AVIATION SERVICE CO., INC., Box 32, Hartland 1, Conn.
- AVIATION SERVICE, INC., Newark Airport, Newark, Ohio.
- AVIATION SERVICE, INC., Rock Coast Airport, Lancaster, Wis.; L. E. Weiss; Bonanza, Stinson Reliant, Cessna UC-78, Cessna 140; AO—Wis., Ill., Ind.; C.P.
- AVIATION SERVICE, INC., P. O. Box 192, Newport News, Va.
- AVIATION SERVICES, INC., Muncie Airport, Maryville, Mo.

AVIATION SERVICES, INC., 26000 Gratiot Ave., Roseville, Mich.
 AVIATION SERVICES, INC., Box 827, Bogalusa, La.
 AVIATION SERVICES OF TEXAS, INC., Alamo Municipal Airport, San Antonio, Texas.
 AVION FLYING SERVICE, INC., Sylvan Beach Airport, Kirkwood, Mo.
 AYER, NOBLE, Box 30, Owensboro, Ky.

B & B AIR SERVICE, Matanzas Airport, Havana, Ill.
 B & B FLYING SERVICE, P. O. Box 1549, Tampa, Fla.
 B&B FLYING SERVICE, INC., Box 474, Howell, N. M.
 B & F FLYING SERVICE, Box 798, New Braunfels, Tex.
 B & G CHARTER SERVICE, 334 Richards Rd., Kansas City, Mo.
 B & H FLYING SERVICE, Box 83, Cottage Grove, Ore.; Joseph Faust, prop.
 B & L AIRLINES, 163 San Souci St., Charleston, S. C.
 B & M AERO SERVICE, INC., Box 82, Marion, Ind.
 BAALMANN, INC., Box 24, Lambert Field, St. Louis 21, Mo.
 BACHMAN, HAROLD, Box 475, Southern Pines, N. C.
 BADGER FLYING SERVICE, Monroe, Wis.; Gilbert T. Baltzer, prop.
 BAF AIRCRAFT SERVICE, Cowanda Airport, Cowanda, N. Y.; Walter W. Burnett & Leland R. Allen, props.; PA-12, 2 PA-11s; AO—U. S., Canada; C-2.
 BAHNMAN AVIATION CO., Commerce, Tex.
 BAILEY FLYING SERVICE, Box 548, Chillicothe, Mo.; A. N. Bailey, prop.; 3 single engine aircraft; AO—U. S.; P.
 BAILEY FLYING SERVICE, Box 1072, El Dorado, Kan.
 BAILEYS FLYING SERVICE, Rte 1, Madison, N. C.
 BAIR, DONALD, Bradshaw, Neb.
 BAKER AVIATION CORP., Marion County Airport, Marion, O.
 BAKER, F. A., Brunswick Air Park, Brunswick, Ga.
 D. S. BAKER, Baker's Air Park, Burlington, W. Va.
 BAKER FLYING SERVICE, Rt. 22, Magnolia, Ark.
 BAKER FLYING SERVICE, P. O. Box 718, Baker, Ore.
 BAKERSFIELD FLYING SERVICE, Box 186, Bakersfield, Cal.
 BALDWIN TRANSPORTATION CORP., 554 W. 38th St., N. Y.
 BALL-RALSTON FLYING SERVICE, Box 4, Hillsboro, Ore.
 DONALD WARD BALLEW, 2415 N. 29th St., Tacoma, Wash.; D. W. Ballew, pres.; Taylorcraft (2 C-46s); AO—U. S.; C-P.
 BARB CITY AIR SERVICE, INC., DeKalb, Ill.
 BARBER FLYING SERVICE, Arcade Airport, Arcade, N. Y.
 BARKER, A. C., Municipal Airport, Morgantown, W. Va.
 BARFIELD FLYING SERVICE, Box 201, Harlingen, S. C.
 BARKER & DEAN FLYING SERVICE, Box 707, Conway, Wash.
 BARKSTROM, HAROLD L., Price Lake Airport, Phillips, Wis.
 BARR, F. C., 114 Brooks Dr., Corpus Christi, Tex.
 BARTON COUNTY AIRWAYS, Box 342, Great Bend, Kan.; Don E. McCowen & Clyde E. Ramsey, props.
 BARWICK'S AVIATION SERVICE, Rockingham, N. C.
 BASCO'S FLYING SERVICE, Stowe, Pa.
 BASS AIRCRAFT CO., Box 147, Reichsville, La.
 BASS, MACK G., JR., 2897 Ashland St., Raleigh, N. C.
 BASSETT & CO. FLYING SERVICE, Box 989, Santa Paula, Calif.
 BATTLE CREEK FLYING SERVICE, Box 56, Battle Creek, Mich.
 BAUMER FLYING SERVICE, Rte. 1, Clare, Mich.; Courtney Kleiman Bauer, prop.
 BAUMGARDNER, RAY, Box 831, Fort Stockton, Tex.
 BAY FLYING SERVICE, THE, Box 141, North Bend, Ore.
 BAY MEADOWS AVIATION CORP., P. O. Box 611, San Mateo, Calif.; Donald L. Myers, exec. vice pres.; 3 single-engine aircraft; AO—Calif. & Pacific Coast; C-P.
 BEACON FLYING SERVICE, INC., Clarence, N. Y.; John J. Drescher, pres.; 15 light & medium aircraft, not specified; AO—P-I.
 BEADLESTON AIR SERVICE, Box 121, Decatur, Ill.
 BEATRICE AIR SERVICE, INC., Box 563, Beatrice, Neb.
 BEATTY, JOHN W., 1035 Hickory St., Excelsior Springs, Mo.
 BEAUFORT FLYING SERVICE, INC., Denver, Colo.
 BECKLEY FLYING SCHOOL, Box 1570, Beckley, W. Va.
 BEDFORD AIRWAYS, Box 30, Bedford, Pa.
 BEBE FLYING SERVICE, Bebe, Ark.
 BELL AIR SERVICE, Boeing Field, Seattle, Wash.
 BELL FLYING SERVICE, Box 4008, Warrington, Fla.
 BELLAH, GORDON E., Stockbridge, Ga.
 BELLINGHAM AIR SERVICE, INC., Box 345, Bellingham, Wash.; G. L. Miller, pres.; Seabee Stinson SR-4, 3 Cubs (2 Navions); AO—Wash., Ore., Brit. Col.; C-P.
 BELLINGHAM SKY HARBOR, INC., Box 991, Bellingham, Wash.
 BELLOIT AIRWAYS, South Beloit, Ill.
 BEMIDJI AVIATION SERVICES, INC., Box 947, Bemidji, Minn.
 BENDER AIR PARK, Box 326, Fresno, Tex.
 BENNA AND JORI FLYING SERVICE, P. O. Box 374, Red Bluff, Calif.
 BENNETT FLYING SERVICE, 302 N. Winnethka, Dallas, Tex.
 BENNETT & MOORE, c/o Palo Alto Airport, Palo Alto, Cal.
 BENNINGTON COUNTY FLYING SERVICE, South Shaftsbury, Vt.
 BENSON FLYING SERVICE, INC., Box 74, Watertown, N. Y.
 BENTON FLYING SERVICE, Box 146, Benton, Ark.
 BERAN FLYING SERVICE, INC., Box 181, Lexington, Neb.
 BERENTZ FLYING SERVICE, Box 287, Independence, Kan.
 BERSHIRE AVIATION ENTERPRISES, INC., Great Barrington Airport, Great Barrington, Mass.; Walter Kolada, pres.; PA-12, 2 Cessna 140s; C-P; AO—Great Barrington area; C-P.
 BERRY'S AIR SERVICE, Muncie Airport, Pinedale, Wyo.
 BERTHANY AIRWAYS, INC., Bethany Airport, Bethany, Conn.; Robert H. Halpin, pres.; Stinson 165, Piper Cruiser, Cessna 140; AO—NE U. S.; C-P.
 BETHEL FLYIN GSERVICE, 247 N. 2nd St., Montrose, Colo.; John B. Bethel, prop.
 BEVERLY AIR SERVICE, INC., Rubidum Airport, Harvey, Ill.
 BEVERLY'S DOWNTOWN FLYING SERVICE, Box 4728, Okla. City, Okla.
 BIBLE'S FLYING SERVICE, P. O. Box 500, Las Vegas, N. M.; Lloyd Bible, pres.; Fairchild, 2 Cessnas; AO—U. S., Canada, Mexico; C-P.
 BIG BEND FLYING SERVICE, THE, Box 230, Marathon, Tex.
 BIG HORN FLYING SERVICE, Box 689, Greybull, Wyo.
 BIG PINEY AVIATION, Box 12, Big Piney, Wyo.
 BILLERICA-WILMINGTON AIRWAYS, INC., Alexander Rd., Billerica, Mass.
 BIRD AIRPORT, 2415 Hubbard Rd., Youngstown, Ohio.
 BIRMINGHAM FLYING SERVICE, Roberts Field, Birmingham & J. A. Roberts, prop.
 BISHOP FLYING SERVICE, Bishop Airport, Bishop, Calif.
 BLACKFOOT FLYING SERVICE, P. O. Box 401, Blackfoot, Ida.

BLACKSTEN, HAL C., Storm Lake, Iowa.
 BLACKWELL, CHARLES D., P. O. Box 1591, Hartington, Tex.
 BLAIR COUNTY AVIATION CO., Martinsburg Pa.; Donald G. Nelson, pres.; AO—U. S.; Cessna 140 (Cessna 140); C-P.
 BLAIR FLYING SERVICE, Inc., Airport, Blair, Neb.
 BLUE RIDGE AVIATION, INC., Box 36, Eskin, N. C.
 BLUE VALLEY FLYING SERVICE, INC., 7000 E. 40 Highway 46, Kansas City, Mo.
 BLUFF CITY AIR SERVICE, 4448 Macon Rd., Memphis, Tenn.
 BLUFFS AVIATION SALES CO., Box 241, Scottsbluff, Neb.
 BLUFFTON FLYING SERVICE, R. R. No. 1, Bluffton, Ohio.
 BLYTHEVILLE FLYING SERVICE, Municipal Airport, Blytheville, Mo.; W. H. Farbrough & A. L. Richardson, Jr., Props.; Cessna 140, PA-12; AO—U. S.; F-P.
 BODE, JOHN MARTIN, Chamberlain, S. D.
 BOEHENHOFF AVIATION SERVICE, 2038 Spring St., Quincy, Ill.
 BOHON AVIATION SCHOOL, Woodrum Field, Roanoke, Va.
 BOHMER FLYING SERVICE, INC., Blue Grass Field, Lexington, Ky.
 BONACCI FLYING SERVICE, N. Omaha Airport, 72nd & McKinley St., Omaha, Neb.
 BOOKWALTER, C. VERNON, Rockford Bay, Ida.
 BOONE COUNTY AIRLINES, INC., Box No. 8, Erlanger, Ky.
 BOOTH AIRCRAFT SALE & SERVICE, P. O. Box 310, Blackwell, Okla.
 BORDER AVIATION, P. O. Box 166, Langston, N. D.
 BORDER AVIATION SERVICE, Municipal Airport, El Paso, Tex.; William J. R. Franz, pres.; Swifts, Aircruisers, Stinsons; AO—within 600 miles of El Paso; P.
 BORDER FLYING SERVICE, P. O. Box 158, Pembina, N. D.
 BOST'S FLYING SERVICE, Newton-Comover Airport, Newton, N. C.
 BOTCHER, ED., Highmore, S. D.
 BOTTINEAU AVIATION, Bottineau, N. D.; Ernest Sorenson, pres.; 3 single-engine aircraft, not specified; AO—N. D. area; C-P.
 BOULDER FLYING SERVICE, RR 22, Boulder, Colo.
 BOWEN FLYING SERVICE, Box 915, West Memphis, Ark.
 BOWLER'S AIR SERVICE, Orofino, Ida.
 BOWMAN FLYING SERVICE, INC., Box 867, Bowling Green, Ky.
 BOWMAN FLYING SERVICE, INC., Dillant-Hopkins Airport, Keene, N. H.
 BOYD AERO SERVICE, P. O. Box 631, Santa Fe, N. M.; 2 single-engine aircraft; AO—U. S.; P.
 BOYLES FLYING SERVICE, Box 1031, Merced, Calif.
 BOYNTON FLYING SERVICE, Rt. 3, Box 188, Houston, Texas.
 BOZEMAN AVIATION SERVICE, Box 507, Bozeman, Mont.
 BRADEN, EDWIN S., Eastern Airport, Eastern, Pa.
 BRADFORD AIR SERVICE, Box 1878, Little Rock, Arkansas.
 Robert Bradford, Prop.
 BRADY FLYING SCHOOL, Curtis Field, Brady, Tex.
 BRAKER FLYING SERVICE, RAY, Munic. Airport, Charles City, Iowa.
 BRANNON'S AERO SERVICE, Box 871, Greenville, S. C.
 BRANNON AVIATION SERVICE, Meramer Airport, Kirkwood, Mo.
 BRANSON FLYING SERVICE, Fladmark, S. D.
 BRANSTETTER FLYING SERVICE, INC., Branstetter Airport, Rte 3, Box 1142B, Sacramento, Calif.
 BRAYTON FLYING SERVICE, INC., Lambert Field, St. Louis.
 BRAZEALES FLYING SERVICE, Airport, Mt. Pleasant, La.
 BRECKENRIDGE FLYING SERVICE, P. O. Box 150, Breckenridge, Texas, V. D. Howe, Prop.
 BRENNAN AIR SERVICE, INC., Quad City Airport, Moline, Ill.
 BRIDGES AIRCRAFT, INC., Box 1163, Shelby, N. C.
 BRIDGES AIRPORT, 113 W. Gold St., Kings Mountain, N. C.; G. A. Bridges, pres.; Cruiser, 4 trainers; AO—local; P.
 BRIGHTMAN FLYING SERVICE, Myrick Airport, Myrick, Mass.
 BRINCKERHOFF FLYING SERVICE, College Park Airport, College Park, Md.; George G. Brinckerhoff, Dir. of Oper.; DC-3, Cessna T-40, Waco UPF7, 2 Beechcraft D-175s, 1 Fairchild M-62As, 18 J3 Cubs; AO—U. S.; C-P.
 BROCKTON AIRWAYS, INC., Box 602 Brockton, Mass.
 BROKENSTRAW AIRPORT FLYING SCHOOL, Box 441, Youngsville, Pa.; Frank Renema, prop.; P-I.
 JOHN RODERICK BROOKS, 108 Sargent St., Hartford, Conn.; John R. F. Brooks, pres.; Bellanca, Waco, Twin Cessna; AO—U. S.; C-P.
 BROPHY FLYING SERVICE, Audubon Airport, Williamsville, N. Y.
 BROWN AIR SERVICE, Box 848, Plainview, Tex.
 BROWN AVIATION, P. O. Box 998, Corpus Christi, Tex.
 BROWN AVIATION CENTER, R. D. No. 1, Turtle Creek, Pa.
 BROWN, DONALD W., Lodgepole, Neb.
 BROWN FLYING SERVICE, Onkosh, Neb.
 BROWN & HUTCHERSON AIR SERVICE, Box 950, Plainview, Tex.
 BROWN UNIVERSITY, JOHN, Slossom Springs, Ark.
 BROWN, T. C., Box 328, Dumas, Tex.
 BROWN-WILLIAMS FLYING SCHOOL, INC., Bowman Field, Louisville, Ky.; P-I.
 BROWN, WINFRED B., Parker Sky Camp, Weatherford, Tex.
 BROWNE FLYING SERVICE, 1209 Robertson Way, Sacramento, Calif.

Have You Read
**BOXCARS
 IN THE SKY**
 ?

BROWNING AERIAL SERVICE, Box 1173, Austin, Tex.
 BRUMLEY'S FLYING SERVICE, Ceresita Fort Airport, Rosebank Ave., Nashville, Tenn.
 BRUMMETT AIRCRAFT CO., Box 811, Jefferson City, Mo.
 BRYAN, VANCE, 884 Park Ave., Hot Springs, Ark.
 BUCHANAN FLYING SERVICE, Box 284, Montrose, Colo.
 BUCK'S FLIGHT SCHOOL, INC., Lowell Field, Chattanooga, Tenn.
 BUCYRUS FLYING SERVICE, Muncie Airport, Bucyrus, Ohio.
 BUD'S FLYING SERVICE, Municipal Airport, Yuma, Colo.
 BUFFALO AERONAUTICAL CORP., Buffalo Airport, Buffalo, N. Y.
 BUFFALO AIR PARK, INC., 4900 C. St., Garden City, N. Y.
 BULLOCK'S AIRCRAFT SALES & SERVICE, Box 310, Blackwell, Okla.
 BURKE AVIATION CORP., Box 1002, Okla. City, Okla.
 BURKS, LESLIE, 1000 E. 12th St., Okla. City, Okla.
 BURLERSON FLYERS, Box 272, Albany, Ore.; Howard Burlerson, prop.
 BURLINGTON AIRPARK, Rt. 225, Burlington, N. J.
 BURLINGTON FLYING SERVICE, Box 106, Burlington, Vt.
 BURLINGTON FLYING SERVICE, P. O. Box 94, Burlington, Wis.
 BURNS FLYING SERVICE, Box 771, Hobart, Okla.
 BURNS FLYING SERVICE, Box 531, Burns, Ore.
 BURROUGHS AIR TRANSPORT, Muncie Airport, Hagerstown, Md.
 BUSFIELD AIR SERVICE, Belle Fourche, S. D.; Edwin Busfield, Richard Busfield, props.
 BUSWELL, MYRON B., Box 891, Lakeside, Ore.
 BUTTE AERO SERVICE & SERVICE, INC., Municipal Airport, Butte, Mont.; John C. Hoxsey, pres.; Bonanza, Swift; AO—Rocky Mt. area; P.
 BYERLY AVIATION, INC., Mt. Hawley Airport, Peoria, Ill.

C

C & H AIR SERVICE, INC., Hangar 9, Muncie Airport, Wichita, Kan.
 CALBROWN CO., 1010 S. Central Ave., Los Angeles.
 CALEDONIA AIRWAYS, INC., St. Johnsbury, Vt.
 CALIFORNIA AIRCRAFT CORP., 7902 Woodley Ave., Van Nuys, Calif.
 CALL, FLYING SERVICE, BARLOW H., Box 301, Afton, Wyo.; Barlow H. Call, pres.; Interstate S-1A (Callair A-3); AO—Wyo., Ida., Utah; P.
 CALUMET AIR SERVICE, P. O. Box 1308, Glen Park Station, Gary, Ind.
 CAMDEN FLYING SERVICE, P. O. Box 469, Camden, N. C.; P.
 CAMDEN FLYING SERVICE, INC., Box 467, Grayson Field, Camden, Ark.; P.
 CAMFIELD AVIATION CO., Kent County Airport, Grand Rapids, Mich.
 CAMPBELL FLYING SERVICE, Rola, Mo.
 CAMILLI FLYING SERVICE, Bureau Airport, Sonoma, Calif.; P.
 CAMPBELL FLYING SERVICE, R. R. 3, Box 56B, Cincinnati 15, Ohio.
 CAMPBELL SIXTY-SIX EXPRESS, INC., Box 66, Springfield, Mo.
 CAMPBELLVILLE FLYING SERVICE, Box 218, Campbellville, Ky.; Charles Nickles, pres.; Cub, Stinson, 2 Taylorcraft; AO—U. S. C-P.
 CANAAN AIRPORT, INC., Canaan, Conn.
 CANFIELD AIRWAYS, Canfield Airport, Waterloo, Iowa.
 CANNON AIRCRAFT SALES & SERVICE, Box 291, Charlotte, N. C.
 CANNON AVIATION CO., INC., Hickory, N. C.
 CANTON AVIATION CO., R. D. 3, Canton, Ohio.
 CANTRELL'S AERO SERVICE, P. O. Box 814, Conway, Ark.; Dennis F. Cantrell, prop.; Stearman, 2 Luscombes, 2 Aerocubs, 2 Cessnas; AO—Ark., Tenn., Okla.; C-P.
 CAPE AIR SERVICE, INC., Hyannis Airport, Hyannis, Mass.
 CAPE AIRCRAFT, INC., P. O. Box 699, Glens Falls, N. Y.
 CAPE COD FLYING SERVICE, Marsten Mills, Mass.
 CAPITAL AERO SERVICE, Municipal Airport, Sacramento, Calif.
 CAPITAL AIR SERVICE, Muncie Airport, Salem, Ore.; Clement F. Fisher, prop.
 CAPITAL AVIATION CORP., Box 725, Monroeville, N. D.; J. W. Watts, pres.; Cessna 140, Bellanca (Cessna 170); AO—U. S. Canada; C-P.
 CAPITOL AIR SERVICE, Municipal Airport, Topeka, Kan.
 CAPITOL AVIATION, INC., Capital Airport, Springfield, Ill.
 CARBON EMERGENCY FLYING SERVICE, Box 828, Price, Utah.
 CARCO AIR SERVICE, P. O. Box 788, Albuquerque, N. M.; Clark M. Carr, prop.; AO—U. S.; 7 Bonanzas, 2 Twin Beechcraft; C-P.
 CARDINAL AIR SERVICE, Kern County Airport, Bakersfield, Calif.
 CARDINAL AIR SERVICES, 38 Chestnut St., Box 70, Lafayette, Calif.
 CARDINAL AVIATION, Box 6023, San Antonio 4, Tex.
 CARDWELL LIGHT ACADEMY, Coulter Field, Bryan, Tex.
 CARGILL AIRPORT, R. D. 5, Lewisville, Pa.; R. Y. Cargill, prop.
 CARIBOU FLYING SERVICE, Muncie Airport, Caribou, Me.
 CARLETON-WHITNEY AERO SERVICE, INC., Wilkins Airport, N. Attleboro, Mass.
 CARLIN AIRWAYS, Muncie Airport, Warsaw, Ind.
 CARLSBAD FLYING SERVICE, INC., Box 589, Carlsbad, N. M.; Claude McCauland, pres.; Bonanza, Twin Cessna; AO—U. S., Mexico; C-P.
 CARNAHAN FLYING SERVICE, Bloomington, Ill.; Art Carnahan, prop.; P.
 CAROLINA AERO SERVICE, INC., Box 414, Goldsboro, N. C.
 CAROLINA AERO SERVICE, INC., Box 57, Anderson, S. C.
 CAROLINA AERONAUTICS, INC., Box 1021, Hendersonville, N. C.
 CAROLINA AIR PARK, INC., Rte. 8, Box 42, Concord, N. C.; Homer L. Troutman, pres.; Super Cruiser, 2 Taylorcraft; AO—U. S.; C-P.
 CAROLINA AIRCRAFT SALES, Statesville Rd., Brockborough Field, Charlotte, N. C.
 CAROLINA AVIATION, Box 954, Greenville, S. C.
 CAROLINA AVIATION SERVICE, INC., Lancaster, S. C.
 CAROLINA FLYING SERVICE, Box 732, Tabor, N. C.; George F. Hatch, prop.; Howard 450, Cub Cruiser, Airsard; AO—U. S., Canada; C-P.
 CAROLINA SKYWAYS, Box 245, Charleston, S. C.
 CAROLINA SKYWAYS, Box 1303, Wilmington, N. C.
 CARPENTER, FRED, 201 Post St., Syracuse, N. Y.
 CARRIER FLYING SERVICE, Fairview, Okla.; Harold L. Carrier, prop.
 CARTER FLYING SERVICE, Box 626, Freeport, Texas.
 CARTHAGE AIR SERVICE, Myers Field, Carthage, Mo.
 CARTHAGE AIR SERVICE, Rt. 3, Box 14A, Carthage, Tex.; James L. Folk, prop.
 CARTHAGE FLYING SERVICE, Carthage, Ill.
 CARY, GEORGE STONE, 1235 Blvd., West Hartford, Conn.

CASCADE AIR CHARTER, P. O. Box 367, Pasco, Wash.
 CASCADE AIRWAYS TRAINING SCHOOL, 193 W. Vase, Lebanon, Ore.; P-L.
 CASEY FLYING SERVICE, Casey Airport, Casey, Ill.
 CASPARIS FLYING SERVICE, P. O. Box 777, Alpine, Tex.
 CASPER AIR SERVICE, Box 476, Casper, Wyo.; Zack Brinkerhoff, Jr., pres.; Bonanza, Bellanca, Silver (3 Bonanzas); AO—U. S.; C-P.
 CASPER FLYING SERVICE, Box 208, Casper, Wyo.; C-P.
 CASPER FLYING SERVICE, INC., Box 408, Gillette, Wyo.; James T. Fulkeron, pres.; AO—U. S.; Crusaire, Sedan, Chief, 2 Champions (Crusaire); C-P.
 CATAWHA AIR SERVICE, Box 655, Rock Hill, S. C.
 CATER, WHITE SEAPLANE BASE, INC., Ft. Dryden St. & Hudson River, N. Y.
 CATHCART, JOHN W., Box 33, Joseph, Ore.
 CATLIN-HUTCHINSON FLYING SERVICE, Box 2144, Oklahoma City.
 CATSKILL AIRPORT, INC., Catskill, N. Y.; Lloyd A. Newcombe, pres.; Stinson 165; AO—U. S.; C-P.
 CAVALIER AVIATION, INC., 3500 Seminary Ave., Richmond, Va.
 CAVANAUGH BAY FLYING SERVICE, 2527 4th Ave., Altamont, Pa.
 CAVOLL, JOSEPH, Harding Highway, Buena, N. J.
 CEDAR LAKE FLYING SERVICE, INC., Box 737, Dubuque, Iowa.
 CEDAR LAKE FLYING SERVICE, Box 197, Cedar Lake, Ind.
 CEDAR RAPIDS & MARION FLYING SERVICE, R. R. 1, Marion, Iowa.
 CELESTIAL AIR LINES, Box 81, St. Augustine, Fla.
 CENTER AIRPORT, Bloomington, Ind.
 CENTERVILLE AIRWAYS, INC., Centerville, Iowa.
 CENTRAL AIR SERVICE, 2223 Madison Ave., S. E., Grand Rapids 6, Mich.
 CENTRAL AIR SERVICES, Rte. 13, Box 499, Fresno, Calif.
 CENTRAL AIRPORT, INC., Box 154, Yakima, Wash.
 CENTRAL AIRCRAFT, INC., Box 808, Grand Island, Neb.
 CENTRAL AIRPORT, Rte. No. 1, Richmond, Va.
 CENTRAL AIRPORT FLYING SERVICE, INC., Central Airport, Camden, N. J.
 CENTRAL AIRWAYS, INC., Des Moines, Ia.
 CENTRAL FLORIDA FLYING SERVICE, Box 1, Taylor Field, Ocala, Fla.
 CENTRAL FLYING SERVICE, P. O. 2080, Adams Field, Little Rock, Ark.
 CENTRAL FLYING SERVICE, Box 103, Centralia, Ill.
 CENTRAL FLYING SERVICE, Lombard Field, St. Louis.
 CENTRAL HELICOPTERS, INC., 2016 Smith Tower, Seattle.
 CENTRAL MAINE FLYING SERVICE, INC., Box 558, Old Town, Maine.
 CENTRAL PARK FLYING SERVICE, INC., 5400 Ave. Q, Birmingham, Ala.
 CENTRAL STATES AERONAUTICAL SERVICE, INC., 4800 W. 38th St., Indianapolis.
 CENTRAL STATES AIRCRAFT, INC., Oskaloosa, Neb.; Stinson, 2 P-12s; 1 J-1; AO—U. S.; C-P.
 CHADDERTON AIR SERVICE, Sharon Airport, R. D. 2, Sharon, Pa.
 CHAFFEE FLYING SERVICE, Box 27, Clintonville, Wis.
 CENTRAL UTAH AVIATION, INC., Box 562, Provo, Utah.
 CHAIRMAN AVIATION CO., Box 286, Gardner, Mass.
 CHALK'S FLYING SERVICE, 388 N. E. 57th St., Miami.
 CHAMBERSBURG FLYING SERVICE, Rte. 3, Chambersburg, Pa.
 CHAMPS FLYING SERVICE, Muncie Airport, El Paso, Tex.
 CHAPMAN'S AIRPORT, Pymouth, W. Va.
 CHAPMAN & ROBERTSON, Box 629, Lancaster, Calif.
 CHARDON AIRWAYS, INC., Rte. 244, Chardon, Ohio.
 CHARLOTTE FLYING SERVICE, Muncie Airport, Charlotte, N. C.
 CHARLESTON FLYING SERVICE, Charleston Airport, Charleston, Ill.
 CHASTAIN FLYING SERVICE, INC., Box 248, Prichard, Ala.
 CHATHAM FLYING SERVICE, Chatham Airport, Chatham, Mass.
 CHICK, BOB, 141, Chickasha, Okla.
 CHILLICOTHE FLYING SERVICE, Box 51, Muncie Airport, Chillicothe, Mo.; Eugene E. Kachenbrunner, pres.; Stinson Reliant; AO—U. S.; C-P.
 CHINCOTEAGUE SEAPLANE BASE, Chincoteague Island, Va.; C. L. Savage, prop.; Taylorcraft seaplane, Sabee, PT-17, PT-19, 2 Taylorcraft landplanes, 2 J-3 seaplanes; AO—mostly local, but not restricted; P-L.
 CHITTEWA FLYING SERVICE, INC., Box 32, Sealt Ste. Marie, Mich.
 CHRISTIE AIRPORT, New City, N. Y.
 CHRIS AIR SERVICE, Box 145, Antonio, Colo.; Stanley M. Koschke & James W. Hunt, props.; Cessna 120 (Cessna 120); AO—Colo. & surrounding states; C-P.
 CIVIL AIR AVIATION, County Airport, Waynesburg, Pa.
 CLARENDON FLYING SERVICE, Box 94, Clarendon, Tex.
 CLARK AERO SERVICE, Adams Field, Little Rock, Ark.
 CLARK, JOHN W., Box 372, Rapid City, S. D.
 CLARK'S FLYING SERVICE, Box 56, Napa, Ida.
 CLARESBURG AVIATION CO., INC., Box 630, Clarksburg, W. Va.
 CLEARBURG AVIATION, INC., 72nd & Crown Point Rd., Omaha, Neb.; William A. Fraser, Jr., pres.; Cub Cruiser, 3 Stinsons, 7 trainers (Stinson); AO—Neb., West Iowa; C-P.
 CLEARVIEW AIRCRAFT INDUSTRIES, P. O. Box 1872, Charlotte, N. C.
 CLEARWATER FLYING CO., Box 449, Clearwater, Fla.
 CLEMENTON AVIATION, INC., White Horse Pike & Brand Ave., Clementon, N. J.
 CLINT BREEDLOVE AERIAL SERVICE, P. O. Box 1435, Lubbock, Tex.
 CLEVELAND AIR SERVICE, JOHNNIE, 323 Downing St., Jackson, Miss.; Johnnie Cleveland, pres.; 2 Navions (3 Navions); AO—U. S.; C-P.
 CLIFLY FLYING SERVICE, 63 W. Main St., Buckhannon, W. Va.
 CLIFTON FORGE AIR SERVICE, Box 529, Clifton Forge, Va.
 CLINCH FLYING SERVICE, North Platte, Neb.; Bellanca, Cessna 40, 2 Cessna 140s, 4 Taylorcraft (Cessna 170); AO—U. S.; C-P.
 CLINCH VALLEY AIRWAYS, Richlands, Va.
 CLINTON AVIATION CO., Hangar 1, Stapleton Airfield, Denver.
 CLINTON FLYING SERVICE, 311 W. Crawford St., Paris, Ill.
 CLOTHIER FLYING SERVICE, Florence, Kan.; Norman A. Clothier, pres.; Super Cruiser; AO—U. S.; C-P.
 CLOVIS AIRPORT, P. O. Box 895, Clovis, N. Mex.; W. L. Goedke and Arthur P. Jentgen, Props.
 CLUSTON, HARRY L., Moxamb Airport, Moxamb, Ill.
 COAST AIR TRANSPORT, INC., Box 312, Middletown, N. J.

UNITED STATES IRREGULAR CARRIERS—Continued

COAST PACIFIC AIR SERVICE, INC., Box 151, Bellingham, Wash.
COASTAL AIR SERVICE, INC., Morgan City, La.
COASTAL AVIATION, INC., Box 148, Elizabeth City, N. C.
COASTAL AIR, INC., Virginia Beach Airport, Rte 1, Box 64A, Lynnhaven, Va.
COASTWAY SCHOOL OF AERONAUTICS, Tillamook, Ore.; P-I.
COCHRAN, JR., FRANKLIN MILLER, Box 275, Davidson, N. C.
COCKETT AIRLINES, 1517 Lehigh St., Honolulu; C-P.
CODY-WIECKING AERO SERVICE, Box 169, Seaside, Ore.; also Box 55, Astoria, Ore.; L. D. Cody & C. W. Wiecking, props.; Aeronca Chief, 2 FT-36s, 2 Stinsons, 3 Cessnas (Stinson); AO—Pacific Northwest; C-P.
COE & SON AVIATION CORP., Turlock, Mo.
COFFEYVILLE AIRWAYS CO., Box 274, Coffeyville, Kan.; John H. Lightstone, pres.; Super Cruiser, 2 Stinsons, 2 Cessna 140s; AO—500 miles from base; C-P.
COFFEY FLYING SERVICE, HARRY, Batherville, La.; Harry E. Coffey, pres.; Fairchild 24, Bellanca, Cessna 140 (Woman); AO—Unlimited; C-P.
COFFIN AIR SERVICE, W. H., 6429 Anaheim Telegraph Ed., Los Angeles, Calif.
COINER POPE FLYING SERVICE, Waynesboro Airport, Waynesboro, Va.
COLEY CHARTER SERVICE, Apt. #21, Plaza Apts., Lubbock, Tex.
COLEMAN FLYING SERVICE, Cornelia Fort Air Park, Nashville 6, Tenn., Granville M. Miller and Ernest W. Colbert, Props.
COLLEGE AIRPORT, Portales, N. M.
COLLETON AVIATION SERVICE, INC., Box 214, Walterboro, S. C.
COLONIAL AIR SERVICE, Box 341, Sausalito, Calif.
COLONIAL FLYING SERVICE, Colonial Airport, Mt. Airy, N. C.
COLORADO AIR SCHOOLS, INC., P. O. Box 1492, Pueblo, Colo.
COLORADO AIRCRAFT SALES & SERVICE, P. O. Box 60, Alamosa, Colo.
COLUMBIA AIRCRAFT SERVICES, Bloomsburg Municipal Airport, Bloomsburg, Pa.
COLUMBIA FLYING SERVICE, Municipal Airport, Columbia, Mo.; E. W. Woods, Prop.; P.
COLUMBUS AIRWAYS, INC., P. O. Box 1472, Columbus, Ga.
COLUMBUS FLYING SERVICE, Columbus, Mont.
COMBS FLYING SERVICE, W. P. O. Box 530, Bristol, Va.
COMMUNITY AVIATION CORPORATION, Box 426, Morganton, N. C.
CONCORD SCHOOL OF AVIATION, Sherman Field, Concord, Calif.
CONCHO VALLEY AIRPORT, P. O. Box 380, Thousand Oaks, Cal.
CONN-AR, INC., P. O. Box 502, Danbury Conn.; Richard E. Conley, pres.; Widgson, Navion, 2 Stinsons; AO—East U. S.; C-P.
CONNECTICUT CENTRAL AIRWAYS, INC., RFD #2, Terryville, Conn.
CONNECTICUT VALLEY AIRWAYS, INC., Box 418, W. Lebanon, N. H.
CONNET AIR SERVICE, HAROLD, 1119 N. W. 3rd, Abilene, Kansas; Harold Connet, Jr., prop.; Cessna 120; C-P.
CONNOR'S MOBILE AIR SERVICE, JACK, Box 2006, Spring Hill, Alabama.
CONSOLIDATED AIRCRAFT REPAIR, INC., Smith Field, Fort Wayne, Ind.
CONSOLIDATED AIR SERVICE, Hayward Airport, Hayward, Calif.
CONSOLIDATED SCHOOL OF AVIATION, INC., Cape Girardeau, Mo.; William J. Kies, pres.; Stinson V-77, Cub Cruiser, Luscombe; AO—U. S.; C-P.
CONTINENTAL AVIATION CO., INC., 218 Adm. Bldg., Holman Field, St. Paul, Minn.
CONTINENTAL DIVIDE AVIATION CO., Box 851, Rawlins, Wyo.
CONWAY VALLEY AIRPORT, Box 274, Conway, N. H.
COOK'S AERO SERVICE, Box 41, Alton, Tenn.
COOLIDGE FLYING SERVICE, Box 1208, Coolidge, Ariz.; Russell White & Leon Smith, props.; Stinson Station Wagon (Stinson); AO—U. S.; C-P.
COOPER & BOSWORTH AIR SERVICE, Beach Airport, Charlotte, Mich.
CORMORANT SEAPLANE CHARTERS, INC., 400 S.W. 7th Ave., Ft. Lauderdale, Fla.
CORSAIR FLYING SERVICE, INC., Box 315, Killebrew, Mont.
CORSICANA SCHOOL OF AERONAUTICS, Box 1133, Corsicana, Tex.; P-I.
CORTEZ FLYING SERVICE, Cortez, Colo.
CORTLAND AIRWAYS, Municipal Airport, Cortland, N. Y.
COUNCIL BLUFFS FLYING SERVICE, Munic. Airport, Council Bluffs, Iowa.
COUNTRY CLUB FLYING SERVICE, INC., Hicksville, L. I., N. Y.
COUNTY AIRPORT CORP., Westchester Cy. Airport, White Plains, N. Y.
COUSINS, INC., 2175 Richmond Ave., Staten Island, N. Y.
CRAWFORD, EVERETT TERRY, Box 267, Matagorda, Tex.
CREGAN, THOMAS H. R. D., New Paltz, N. Y.
CRESCENT CITY AIRWAYS, New Orleans Airport, New Orleans; James B. Levert, prop.; Stinson AT-18, Stearman PT-17, Taylorcraft, Cub seaplane, 4 Cubs; AO—U. S.; C-P.
CRESCENT CITY AVIATION, Box 1011, Sta. D, Evansville, Ind.; W. E. Dorr, prop.
CRETE FLYING SERVICE, Munic. Airport, Crete, Neb.
CRIBBET FLYING SERVICE, Wahoo, Neb.
CROMELYN'S AIR ACTIVITIES, INC., Daniel Field, Augusta, Ga.
CROSBYTON FLYING SERVICE, INC., Crosbyton, Tex.
CROSS DWIGHT SEAW, Huntersville, N. C.
CUB AVIATION SERVICE, INC., Box 690, Jackson, Mich.
CUERO FLYERS, INC., Cuero, Tex.
CULVER FLYING SERVICE, INC., Municipal Airport, Evansville, Ind.

Current Net Advisory Rates for War, Strikes, Riots, Etc. Generally in Use in American Marine Insurance Markets for Mail & Air Shipments

(Excluding All Shipments to, from, or via China or Formosa)

Schedule Dated July 1, 1951

A—Registered Mail, excluding Registered Air Mail and Air Express:

All securities, including non-negotiables, documents and similar interests—20% of Cargo Rates, with 1½¢ minimum.
 Currency including jewelry, precious stones and metals, etc.; also miscellaneous cargo—100% of Cargo Rates.

B—Registered Air Mail and/or Air Express and/or other shipments by air: Western Hemisphere excluding shipments between points in Continental United States and/or Canada:

Gold, all securities, including non-negotiables, documents and similar interests 1½¢
 All other interests 2½¢

**Gold,
All Securities
including
non-negotiables,
documents and All Other
similar interests interests**

UNITED STATES or CANADA to or from:

1. (a) British Isles, Eire, Sweden, Denmark, Norway Italy, France, Holland, Belgium, Portugal, Spain, Switzerland, Iceland and Greenland.....	1½¢	2½¢
(b) Finland, Germany (exc. Berlin), Austria, Trieste.....	5¢	10¢
(c) Czechoslovakia, Poland, Romania, Bulgaria, Hungary, Yugoslavia, Albania, direct shipments only.....	10¢	20¢
(d) Greece, Cyprus, Turkey.....	2½¢	5¢
2. (a) Africa except Egypt.....	1½¢	2½¢
(b) Egypt.....	2½¢	5¢
3. (a) Palestine, Syria, Lebanon.....	7½¢	15¢
(b) Transjordan.....	10¢	20¢
4. Afghanistan, Iraq, Iran, Saudi Arabia.....	2½¢	5¢
5. (a) India, Pakistan, Burma.....	5¢	10¢
(b) Ceylon.....	2½¢	5¢
6. Australia, Guam, Samoa.....	1½¢	2½¢
7. (a) Malaya, Thailand, Hong Kong, Kowloon, Korea.....	3¢	7½¢
(b) Philippines, Japan, Okinawa.....	2½¢	5¢

C—Ordinary Parcel Post, Government Insured Parcel Post, Registered Post, Ordinary Mail (Excluding Air Mail) except:

(A) United States to from Mexico 2½¢, provided assured agrees to pay reduced rate on all shipments, otherwise individual shipments at full cargo schedule rate.
 (B) United States or Canada to or from Hawaiian Islands—Transpacific Cargo Rate.

D—Express (Excluding Air Express)—Charge Cargo War Risk Schedule Rates.

UNITED STATES IRREGULAR CARRIERS—Continued

CUMBERLAND AIRWAYS, INC. P. O. Box 906, Cumberland, Md.
CUMBERLAND FLYING SERVICE, RFD #2, Portsmouth, Va.
CUMMINS FLYING SERVICE, Star Rte., Camden, Mo.
CURRY FLYING SERVICE, 882 Palm St., Abilene, Tex.
AO—4000 miles from base; C-P-1.
CUSHING FLYING SERVICE, Municipal Airport, Cushing, Okla.
John C. Kanworthy, Prop.
CUSTER FALLON AIRWAYS, Baker, Mont.
CUTLER-CARR FLYING SERVICE, P. O. Box 274, Albuquerque, N. M.
CUTTRELL FLYING SCHOOL, 1765 N. W. 77th St., Miami, Fla.
CUYUNA RANGE FLYING SERVICE, INC., County Airport, Brainard, Minn.
CYR, AUDREY ALLEN, 2 Park St., Van Buren, Mo.

D

D. & D. FLYING SERVICE, Box 227, Clinton, Okla.
D G FLYING SERVICE, RR #23, Elwood Airport, Elwood, Ind.
DABNEY, VIRGINIUS, 6619 Robin Rd., Dallas, Tex.
DAKOTA AVIATION CO., W. W. Howes Muncie Airport, Huron, S. D.
DAKOTA SKYWAYS, Box 1676, Fargo, N. D.; Vernon L. Scott, pres.
DALLAS AIRCRAFT SALES, INC., 3416 Love Field Dr., Box 7121, Dallas.
DALTON FLYING SERVICE, P. O. Box 401, Williams, Calif.
DANBURY SCHOOL OF AERONAUTICS, INC., Box 2008, Danbury, Conn.
DANIELS, LEWIS D., 3728 E. 29th Ave., Spokane, Wash.
DANVILLE AVIATION SCHOOL, INC., P. O. Box 457, Municipal Airport, Danville, Va.
DANVILLE FLYING SERVICE, Danville Airport, Danville, Pa.; Kenneth B. Burrows, pres.; PA-12 (4-place plane, unspecified); AO—U. S.; C-P.
DANVILLE FLYING SERVICE, INC., Box 1814, Danville, Va.
DARLINGTON, WILLIAM ARTHUR, Anderson Airport, Anderson, Ind.
ROBERT E. DAVAU, 509 E. Tulare St., Avenal, Cal.
DAVIDSON AIR SERVICE, Vermillion, S. D.
DAVIES FLYING SERVICE, INC., Bowman Field, Louisville, Ky.
DAVIS BROS. FLYING SERVICE, Daleville Airport, R. D. 3, Moscow, Pa.
DAVIS FIELD FLYING SCHOOL, Bayport, N. Y.
DAVIS FLYING SCHOOL, 509 W. French Pl., San Antonio, Tex.; F. C. Davis, mgr.; P-1.
DAVIS FLYING SERVICE, Lake Village, Ind.
DAVIS FLYING SERVICE, Laytonville, Md.
DAVIS SCHOOL OF FLYING, Box 345, Ridgecrest, Calif.; Robert C. Davis, prop.
DAVIS, ROE F., Box 546, Burns, Ore.
DAVIS SEAPLANE BASE, Rte. 3, Box 5064, Orlando, Fla.; A. H. Lane, pres.; 1 Aerobus; AO—Pa.; C-P.
DAYTONA BEACH FLYING SERVICE, Box 3701, Municipal Airport, Daytona Beach, Fla.
DEATON FLYING SERVICE, HASKELL A., Plaza Airport, Charlotte, N. C.; C. A. Deaton, prop.; Luscombe, PA-11, 2 PA-12 Cruisers; AO—U. S.; C-P.
DE AUTREMENT, VERNE, 1130 Chemsaketa St., Salem, Ore.
DECKER FLYING SERVICE, Box 116, Dunellen, N. J.
DEFIAR, INC., Bryan-Defiance Memorial Airport, Defiance, O.; N. E. Flint, pres.; 3 small landplanes, small seaplane; AO—O., Mich., Ind.; C-P.
DE FUNIAK FLYING SERVICE, P. O. Box 63, De Funiak Springs, Fla.; Clyde C. Casan & Frank E. Smith, props.
DELMARVA FLYING SERVICE, Delmarva Airport, Salisbury, Md.
DELMONTE AVIATION CO., Box 1311, Monterey, Calif.
DEL RIO FLYING SERVICE, Box 523, Del Rio, Tex.
DELTA AIR SERVICE, Starr Nelson Airport, Delta, Colo.
DEMING AIR PARK, Box 119, Deming, N. M.; Frank M. Huxtable, prop.
DENIN, RALPH R., Ross-Denim Airport, Salem, Ind.; Ralph R. Denim, prop.; C-P.
DENTON AVIATION CO., P. O. Box 753, Denton, Tex.; Jack Gray, pres.; PA-12, Stinson 108; AO—U. S., Canada, Mexico; C-P.
DERVEND FLYING SCHOOL, INC., Matamoros, Pa.
DES MOINES FLYING SERVICE, Box 172, Des Moines, Ia.
DESCOMB FLYING SERVICE, INC., Brainerd Field, Hartford, Conn.
DESERT SKYWAYS, INC., Boulder City Airport, Boulder, Nev.
DEVENER, RAYMOND F., Broadway, Hanover, Pa.
DEVILS LAKE FLYING INDUSTRIES, Box 158, Oconomowoc, Wis.
DE WITTE FLYING SERVICE, Prophetstown Airport, Prophetstown, Ill.
DICKERHOOF FLYING SERVICE, Municipal Airport, Chanute, Kan.
DICKERHOFER, R. E., 5391 Eastern Ave., Cincinnati.
DIXIE AIR ASSOCIATES, INC., Box 112, Bunty Station, Memphis, Tenn.; Louis P. Hulet, pres.; 2 Cessna 140s, 2 Cessna 120s, Cessna 170; AO—Tenn., Ala., Miss., Ark., Mo., Ill., Ind., Ky.; C-P.
DIXIE AIR, INC., Van De Graaf Field, Decatur, Ala.
DIXIE AIR SERVICES, INC., P. O. Box 4257, Fondren Station, Jackson, Miss.
DIXIE AIRWAYS, Box 1134, Williamsburg, Va.; David Charles Weiss.
DIXIE AVIATION CO., Owens Field, Columbia, S. C.; M. Wesley Kittrell, pres.; Stinson V-37, Station Wagon; AO—U. S.; C-P.
DIXON FLYING SERVICE, Dixon Airport, Dixon, Ill.; R. O. Schnell, prop.
DOANE AVIATION, Mt. Vernon, Ind.
DOCKERY, J. O., AIR SERVICE, P. O. Box 817, Stuttgart, Ark.; J. O. Dockery, Prop.
DODGE CITY AIR SERVICE, INC., Box 190, Dodge City, Kan.
DONALDSON COMPANY, INC., P. O. Box 12, Flintwood, Mont.
DONNER AIR SERVICE, 459 1st Natl. Bank Bldg., Colorado Springs, Colo.
DONS FLYING SERVICE, Box 1971, Seaside, Ore.
DOTSON BROS., Coahoma Airport, Coahoma, Miss.
DOUGLAS AERO CO., INC., Box 575, Douglas, Wyo.
DOWN EAST AIR SERVICE, INC., 854 N. Main St., Brewer, Maine.
DOWNTOWN AIRPORT, INC., R. D. No. 1, Vineyard, N. J.
DOWNTOWN SKYTEL, INC., P. O. Box 992, Deming, N. Mex.
DRAPELA FLYING SERVICE, Walker Field, Grand Junction, Colo.
DUBOIS SCHOOL OF AVIATION, INC., Box 372, DuBois, Pa.; P. I.
DUNLAP, M. FLORENCE, Box 955, Sidney, Neb.
DUPEN FLYING SERVICE, Muncie Airport, Sacramento, Calif.
DYERSBURG FLYING SERVICE, Box 261, Dyersburg, Tenn.

E

EAGLE AIR EXPRESS, Box 209, Yakima, Tex.

EAGLE AIR SERVICE, Box 1327, Little Rock, Ark.
EAGLE FLYING SERVICE, INC., Box 11, Eagle Grove, Iowa.
EAGLE TAIL, INC., Box 147, Baton, N. M.
EAST COAST AVIATION CORP., Box 329, Lexington 73, Mass.
EAST HAMPTON AIRPORT, Daniels Hole Rd., East Hampton, N. Y.
EAST MESA AIRPORT, Box 788, Albuquerque, N. M.
EASTERN AVIATION, INC., John Mountain Field, Beverly, Mass.
EASTERN CAROLINA FLYING SCHOOL, Box 123, Beaufort, N. C.
EASTERN SHORE AIR SERVICE, Parkley, Va.
EASTERN SHORE FLYING SERVICE, Kalamia Field, Weirwood, Va.; Harry W. McCann, Jr.; PA-12; AO—East of Mississippi River; P.
EASTPORT FLYING SERVICE, INC., P. O. Box 104, Eastport, Maine.
EATON RAPIDS FLYING SERVICE, Miller Airport, Eaton Rapids, Mich.; William L. Hawk, pres.; T-50, Station Wagon (Station Wagon); AO—Mich.; C-P.
EBENSBURG FLYING SERVICE, Ebensburg, Pa.
ECHELON AERONAUTICAL SERVICE, Box 104, Haddonfield, N. J.; Rogers M. Smith, pres.; 4 5-place single-engine & multi-engine planes, under 10,000 lbs.; AO—U. S., Canada, Mexico; C-P.
ECCLES FLYING SERVICE, Wolf Point, Mont.
EDDY FLYING SERVICE, INC., Muncie Airport, Findlay, Ohio; Paul F. Eddy, pres.; Bonanza; AO—U. S.; C-P.
EDR, R. C., Box 1112 Jefferson Ave., Des Moines.
EDGEMERE AVIATION CO., Rockaway Airport, Edgemere, N. Y.
EDGERTON FLYING SERVICE, 2417 Travis St., Laredo, Tex.
EDGINGTON AIR SERVICE, Muncie Airport, Concordia, Kan.
EDMONDSON FLYING SERVICE, INC., Box 10, Clover, Va.
EL-AERO SERVICES, Box 890, Elko, Nev.
EL MONTE AIR TRANSPORTATION, El Monte Airport, El Monte, Calif.
EL RENO AVIATION, INC., Box 770, El Reno, Okla.
ELDON FLYING SERVICE, Eldon Airport, Eldon, Mo.
ELKHORN AIR SERVICE, P. O. Box 147, Elkhorn, Wis.
ELKTON AIRPORT, Elkton, Va.
ELLENBURG FLYING SERVICE, Box 184, Ellensburg, Wash.
ELLINWOOD FLYING SERVICE, Muncie Airport, Ellinwood, Kan.; Crist Chifos, prop.
ELLIOTT FLYING SERVICE, Cram Field, Box 418, Davenport, Ia.; AO—U. S.; Stinson 108; C-P.
ELLIOTT, HENRY E., 811 Maple St., Cleveland, Miss.
ELMIRA AERONAUTICAL CORP., Chemung County Airport, Horseheads, N. Y.
ELMORE & MILLER AVIATION ENTERPRISES, Box 123, Casper, Wyo.
ELSINORE AIRPORT, Box 686, Elsinore, Calif.; E. L. Medlicott, prop.
EMERY-RIDDLE CO., Box 668, Miami; J. C. McKay, pres.; B-18; 3 Navions, 4 Cessna 140s; AO—U. S.; C-P.
EMERY FLYING SERVICE, Cameron, Mo.; Harold E. Emery, pres.; 4 light planes; AO—U. S.; C-P.
EMERY AIRPORT, INC., Elora, Ia.; Leslie T. Emmert, pres.; Stinson, Waco, Cessna, AO—U. S.; C-P.
EMPIRE DISTRIBUTORS, INC., E. 6507 Rutter Ave., Spokane, Wash.
EMPIRE STATE AVIATION, Newburgh-Walden Airport, Walden, N. Y.; L. Earl Tullison, prop.
EMPORIA FLYING SERVICE, INC., Muncie Airport, Emporia, Kan.
ENGELS AIRCRAFT, Box 683, Minot, N. D.
ENGLE FLYING SERVICE, INC., Kaiser Field, Bristol, Pa.
ENGLAND AIRPORT, Box 146, Englewood, Colo.
ENGLUND'S FLYING SERVICE, Bates Field, Mobile, Ala.
ENLOE AERO SERVICE, Box 515, Decatur, Ill.
ENNIS FLYING CLUB, City Airport, Ennis, Tex.
ERHART FLYING SERVICE, 307 Santa Fe, Larned, Kan.; Delbert F. Erhart, pres.; 2 Cessna; AO—U. S.; C-P.
ERIE COUNTY FLYING SERVICE, Box 256, Fairview, Pa.; M. E. Dudak, mgr.; Twin Cessna, Cessna 140, AT-8, Reliant, PT-19, 4 Aerobus Unrestricted; C-P.
ESCALANTE, OSCAR F., & TRAKOWSKI, VERN D., Box 386, Chula Vista, Calif.
ESKRIDGE FLYING SERVICE, Craig Municipal Airport, Craig, Colo.; Jim Eskridge, pres.; AO—Rocky Mt. area; 2 Bonanzas, Cub, Taylorcraft; C-P.
EUGENE FLYING SERVICE, Box 229, Eugene, Ore.; Joseph Harrell, pres.; Cub, Cruiser, Cessna AO—U. S.; C-P.
EUNICE AIRPORT, Box 415, Eunice, La.
EVANS FLYING SERVICE, 1217 N. Lawrence St., Ironwood, Mich.
EVANSVILLE FLIGHT SERVICE, INC., 519 Vine St., Evansville, Ind.
EVERETT AIRWAYS, INC., Box 737, Hoquiam, Wash.
EXECUTIVE AIRLINES, INC., 414 Chester-Ninth Bldg., Cleveland.
EXECUTIVE AIRWAYS, Airport Station, Wichita, Kan.
EXECUTIVE AVIATION, INC., Muncie Airport, Hayward, Calif.
EXECUTIVE FLEET, INC., Brainerd Field, Hartford, Conn.; G. Stewart Howe, pres.; 4 Navions; AO—U. S., Canada; C-P.

F

F & S FLYING SERVICE, Burlington, Colo.
FAANS, ALFRED W., Michael Rd., Orchard Park, N. Y.
FAIRBURY FLYING SERVICE, INC., Box 848, Waynesboro, Va.
FAIRBURY AIRCRAFT CO., Lambert Field, St. Louis, Mo.
FAIRBURY FLYING SERVICE, Box 160, Fairbury, Neb.
FAIRFOREST AIRPORT, INC., Box 769, Spartanburg, S. C.
FAIRMONT FLYING SERVICE, 428 Adams St., Fairmont, W. Va.
FALCON AIRWAYS, Box 180, Redwode, N. C.
FALCONER AIRPORT, Falconer, N. Y.
FALER FLYING SERVICE, BOB, Municipal Airport, Independence, Kan.
FALLS FLYING SERVICE, Thief River Falls, Minn.; L. A. Ihle, pres.; Cub, Taylorcraft, 2 Voyagers; AO—N. Minn.; C-P.
FANBLAU AIR SERVICE, E. W. F. Memorial Airport, Mantua, N. J.; Geo. F. Fannau, Prop.
FANTA-KEED AIR SERVICE, INC., Box 126, La Crosse, Wis.
FARALDO, GEORGE J., P. O. Box 808, Key West, Fla.
FARGO AIRCRAFT, 226 Ave. North, Fargo, N. D.
FARMINGTON AVIATION CORP., Box 285, Farmington, Mo.
FASH FLYING SERVICE, Koonok, Ill.
FASSETT, ALVAH, Box 85, Tunkhannock, Pa.
FAULKTON FLYING SERVICE, Faulkton, S. D.
FAULKNER FLYING SERVICE, Box 11, Gonzales, Tex.
FAULKNER & AYERS, INC., Box 34, Paris, Tex.
FAYETTEVILLE AIR SERVICE, P. O. Box 708 Fayetteville, N. C.; Cub; AO—U. S.; C-P.
FAYETTEVILLE FLYING SERVICE, Box 344, Fayetteville, Ark.

- FELT'S FLYING SERVICE**, Box 176, Roseburg, Ore.
FERN'S FLYING SERVICE, Concord Airport, Concord, N. H.; Frank-
 ma T. & John W. Fern, props.; Stinson 150, Cessna 140 (Cessna 170);
 AO—U. S. Canada; C-P.
FERRY AIR SERVICE, East Greenbush Airport, East Greenbush, N. Y.
FIELD, JOSEPH A., RD 21, Harry Emery Airport, Bradford, Pa.
FINLET'S FLYING SERVICE, Box 343, Joplin, Mo.
FINZGERALD AIR SERVICE, INC., Box 390, Mendota, Ill.
FLAG-AIR, INC., P. O. Box 1218, Flagstaff, Ariz.; Carl H. Guthrie,
 pres.; Voyager, Stinson; AO—U. S.; C-P.
FLATHEAD AIR TRANSPORT, INC., P. O. Box 57, Kalispell, Mont.
FLEEMAN FLYING SERVICE, Manila, Ark.
FLEMING FLYING SERVICE, 817 2nd St., Burkale, Calif.
FLETCHER AVIATION, INC., Franklin-Norfolk Airport, Norfolk,
 Mass.
FLI-RITE SCHOOL OF AVIATION, Box 45, Swanton, Vt.
FLIGHT LINE, INC., Music Airport, Lincoln, Neb.
FLIGHT SALES, 415 Prospect Ave., Asbury Park, N. J.
FLIGHT, INC., Municipal Airport, Cleveland, Ohio.
FLIGHTS, INC., 6429 Anaheim Telegraph Rd., Los Angeles.
FLINT FLYING SERVICE, Bishop Airport, Flint 7, Mich.
FLITEWAYS, INC., Blue Earth, Minn.
FLORIDA AIR LINES, P. O. Box 6810, Coral Gables, Fla.
FLORIDA AVIATION ACADEMY, Keystone Airport, Keystone
 Heights, Fla.
FLORIDA AVIATION COLLEGE, Box 1631, Drew Field, Tampa; P-I.
FLYERS SERVICE, INC., Rm. 208, Adm. Bldg., Holman Field, St.
 Paul 1, Minn.
FLYING CLOUD AIRPORT, INC., 6034 1/2 Ruby St., Los Angeles.
FLYING DUTCHMAN AIR SERVICE, Somerset Airport, Phila.; P.
 Flying L Ranch, Bandera Airport, Bandera, Tex.; J. H. Lapham,
 prop.
FLYING SPORTSMEN'S RESORT, 1503 8th Ave. W., Seattle, Wash.
FONTANA SCHOOL OF AERONAUTICS, INC., Ford Airport, Iron
 Mountain, Mich.
FOOTE AERONAUTICS, INC., LOU, Box 506, Utopia, Tex.
FORDVILLE FLYING SERVICE, Fordville, N. D.
FORKED RIVER AIRPORT, Forked River, N. J.
FORSYTH AIRPORT, Forsyth Drive, Jansburg, N. I.
FORSYTH AVIATION, INC., P. O. Box 3076, Weston-Salem, N. C.
FORSYTH FLYING SERVICE, Lexington, Ore.
FORT COLLINS FLYING SERVICE, INC., Box 180, Fort Collins,
 Colo.
FORT SMITH FLYING SERVICE, Box 1056, Fort Smith, Ark.
FORT SUMNER FLYING SERVICE, Box 561, Fort Sumner, N. M.
FOSS FLYING SERVICE, INC., JOE, Music Airport, Sioux Falls,
 S. D.; Joseph A. Foss, pres.; Taylorcraft Stinson; PT-17, PT-19,
 PT-24, Stinson 10A, Stinson V-77, AO—S, D. N. Neb., W. Minn.,
 W. Ia.; C-P.
FORTS CHARTER SERVICE, 323 N. Market St., Frederick,
 Md.; Hebble, prop.
FOUR LAKES AVIATION CORP., Rt. 4, Madison, Wis.
FOX FLYING SERVICE, Municipal Airport, Butte, Mont.
FOX RIVER AVIATION CORP., Rte. 6, Green Bay, Wis.
FRANCIS FLYING SERVICE, INC., Box 299, Lansing, Mich.; Gerald C. Francis,
 pres.; Bonanza, Beechcraft D 19 S; AO—U. S. Canada, Mexico; C-P.
FRANKLIN AIRCRAFT SALES & SERVICE CORP., Box 1191,
 Great Falls, Mont.
FRANKLIN FLYING SERVICE, 368 N. E. 57th St., Miami.
FRANK'S FLYING SERVICE, Farmer's Field Airport, Palestine, Ill.
FRANTZ FLYING SERVICE, Woodrum Field, Roanoke, Va.
 T. R. Frantz, Jr., Prop.
FRAZIER, K. E., Scott Depot, W. Va.
FREDERICK FLYING SERVICE, Frederick, Okla.
FREDONIA AIRPORT, Box 141, Fredonia, N. Y.
FREMONT AIR SERVICE, INC., Box 371, Florence, Colo.
FRENCH SCHOOL OF AVIATION, INC., Muncie Airport, Baltimore,
 Md.
FRIEDKIN AERONAUTICS, INC., 2930 Pacific Hwy., San Diego,
 Calif.
FRONTIER AIRCRAFT SERVICE, 3122 Pioneer Ave., Cheyenne, Wyo.
FRONTIER AVIATION CO., Box 1, Laramie, Wyo.
FROST AIR SERVICE CO., INC., South St., West Haven, Conn.
FRYE, BERNARD N., Madison, Minn.
FUELBERTH, R. C., Wayne, Mich.
FULLER FLYING SERVICE, Fuller Airport, Milford, Ia.
FULLOP FLYING SERVICE, 401 E. 8th St., Mt. Carmel, Ill.
FUNK FLYING SERVICE, Muncie Airport, Sedalia, Mo.; Jack Funk,
 prop.
FYNBO FLYING SERVICE, Box 235, Albert Lea, Minn.
- G
- G & G AIRLINES CO. LTD.**, Glipin Airport, Tucson, Ariz.
G & R FLYING SERVICE, INC., P. O. Box 634, Hobbs, N. Mex.
GADSDEN FLYING SERVICE, INC., Gadsden, Ala.
GAGE AIR SERVICE, Box 287, St. Marie, Idaho.
GALAX AIRPORT, INC., THE, Galax, Va.
GALLAGHER BROTHERS, 921 Land Title Bldg., Philadelphia, Pa.
GALVESTON AVIATION SERVICE, Box 126, Galveston, Tex.
GALVIN FLYING SERVICE, Boeing Field, Seattle; Jim Galvin, pres.;
 PA-II, 2 Super Cruisers (2 Pipers); AO—N. W. Wash.; C-P.
GAMBLE AIRPORT, Rte. 1, Hobart, Ind.
GANNON FLYING SERVICE, INC., Box 389, New London, Conn.;
 Raymond D. Gannon, pres.; Cessna 120, Cessna T-50, PT-26, 2 PA-11s;
 AO—U. S.; P.
GARDEN CITY AERO, RT. 3, Box 186, San Jose, Cal.
GARDEN CITY AIR SERVICE, General Delaney, Garden City, Kan.
GARDEN CITY AVIATION SALES & SERVICE, Garden City, Kan.;
 Lowell Brakey & R. Deines, props.; Navion, Super Cruiser, Ercoupe
 415C (Navion); AO—U. S.; C-P.
GARDEN CITY FLYING SCHOOL, Muncie Airport, Garden City, Kan.
GARDINER FLYING SERVICE, Medford, Wis.; W. E. Gardiner &
 F. A. Strombom, props.; 2 Taylorcraft BC-12Ds; AO—Wis. & sur-
 rounding states; C-P.
GARRETT, JOHN R., Gordonsville Municipal Airport, Gordonsville,
 Va.
GATE CITY AERO SERVICE, Muncie Airport, Atlanta, Ga.; H. W.
 Clay, pres.; Ercoupe; AO—U. S.; P.
GATES & MEADE FLYING SERVICE, Box 38, Fortuna, Calif.
GAULT AVIATION, INC., Box 3422, Corpus Christi, Tex.; Roger L.
 Gault, pres.; Cessna T-50, Bonanza, Taylorcraft; AO—S. W. U. S.;
 C-P.
GELTZ AIR SERVICE, ROY E., Box 811, Lancaster, Pa.
GENERAL AERONAUTICS, INC., Meacham Field, Fort Worth, Tex.
GENERAL AIRCRAFT CO., INC., Box 1066, Boise, Ida.
- GENERAL AIRCRAFT SERVICE CO.**, Box 233, Gooding, Ida.
GENERAL AIRPLANE SERVICE, Box 258, Sheridan, Wyo.; N. P.
 Yentzer, Jr. & R. V. Yentzer, props.; Luscombe 8A, 2 PA-11s,
 2 PA 12s; AO—U. S.; C-P.
GENERAL AVIATION, INC., Box 44, Pittsburg, Mass.
GENERAL AVIATION, INC., Box 232, Willoughby, Ohio.
GENERAL FLIGHT SERVICE, 12615 Cranbrook Ave., Hawthorne,
 Calif.
GENERAL SCHOOL OF AVIATION, Box 2434, Tampa, Fla.
GENERAL AIRSET, INC., E. Henrietta Rd. at Jefferson Rd., S. D. 2,
 Rochester, N. Y.
GENESI, ALBERT, Airport, Osceola Mills, Pa.
GEORGETOWN FLYING SERVICE, Georgetown, Tex.
GERALD AERO SERVICE, INC., Russell Field, Rome, Ga.
GEORGIA AIRMOTIVE, Box 172, St. Simons Island, Ga.
GERISH MOTORS, Everglades, Fla.
GERMAN, MILO, Coasid, Neb.
GETTYSBURG AIR SERVICE, Box 354, Gettysburg, S. D.
GIBBONS O'KEEFE AIR AMBULANCE SERVICE, 4245 W. Madison
 St., Chicago; A.
GIBSON AIR SERVICE, LeTourneau Airport, Toccoa, Ga.
GILCHRIST FLYING SERVICE, RR 22, Iowa Park, Ia.
GILLESPIE AVIATION CO., McKellar Airport, Box 1010, Jackson,
 Tenn.
GILLETTE AIR PARK, Gillette, Wyo.
GILES FLYING SERVICE, RR 18, Billings, Mont.
GILMER FLYING SERVICE, Box 277, Gainesville, Ga.
GILMORE, HUGH, P. O. Box 628, Pensacola, Fla.; Hugh Gilmore,
 prop.; Voyager; AO—U. S.; P.
GLASGOW FLYING SERVICE, Glasgow, Ky.
GLASSCOCK AVIATION ACTIVITIES, Box 2338, Corpus Christi,
 Tex.
GLEASON FLYING SERVICE, 4500 E. 15th St., Tulsa, Okla.,
 Gleason Romans, Prop.
GLENDALE SCHOOL OF AERONAUTICS, 1435 Flower St., Glendale,
 Cal.
GLENNOCK FLYING SCHOOL, INC., Box 3362, Norfolk, Va.; 13
 planes including Cessna Aeromacs, Taylorcraft, Ercoupe, Ryan, Stear-
 mans, Cruisers; AO—Norfolk area; P-I.
GLOBE FLYING SERVICE, Kellogg Field, Battle Creek, Mich.
GLOVE, ARTHUR W., 230 N. 8th St., Allentown, Pa.
GLOVER, W. N., Box 66, Erie, Pa.
GODDARD FLYING SERVICE, Box 58, Ardmore, Okla.; W. R.
 Goddard, prop.; Cessna 120, Cessna 140, Cessna 170, Station Wagon;
 AO-Not restricted; C-P.
GOECRIC SCHOOL OF AERONAUTICS, County Airport, Ironwood,
 Mich.; P-I.
GOODLAND FLYING SERVICE, Goodland, Kan.
GOOD, J. H., Box 2, Reno, Nev.
GOOPER AVIATION, INC., Rochester Airport, Rochester, Minn.;
 Arthur G. Hoffman, pres.; 3 Bonanzas, 2 Twin Cessnas, Twin Beech;
 AO—U. S. Canada; P-C.
GORDON'S FLYING SERVICE, Pontiac Airport, Pontiac, Mich.
GOTHENBURG FLYING SERVICE, Gothenburg, Neb.; C. H. Fiese,
 pres.; Cruiser; AO—U. S.; P.
GOTTSCALK SCHOOL OF AERONAUTICS, Muncie Airport,
 Adrian, Mich.
GRAFT AVIATION FLIGHT SCHOOL, Graf Field, Lockport, N. Y.;
 P-I.
GRAFTON AERO SERVICE, INC., Grafton Muncie Airport, Grafton,
 N. Y.
GRAHAM AVIATION SERVICE, Box 156, Graham, Tex.; John A.
 Shaffer, prop.
GRAHAM FLYING SERVICE, Box 26, Blvd. Sta., Sioux City, Iowa.
GRAHAM-BELL AVIATION SERVICE, INC., Box 768, Albu-
 querque, N. M.
GRAN-AIRE, Rt. 2, Box 143, Pawnee, Wis.
GRAND COULEE NAVIGATION CO., Box 427, Coulee Dam, Wash.
GRAND FIELD FLYING SERVICE, Grand Mound, Ia.
GRAND RAPIDS AIR SERVICE, Grand River Airport, Com-
 stock Park, Mich.
GRAND RESORT AIRWAYS, Rt. 2, Fairview, Ohio.
GRAND TRAVERSE AIR SERVICE, INC., Box 304, Traverse
 City, Mich.
GRANGEVILLE AIR SERVICE, Box 112, Grangeville, Ida.
GRANTS PASS AIR SERVICE, Muncie Airport, Grants Pass, Ore.
GRASS VALLEY FLYING SERVICE, P. O. Box 1109, Grass Valley,
 Cal.
GRAVES FLYING SERVICE, Henry Co. Airport, Paris, Tenn.
GRAY CO., INC., J. L., Box 7333, Dallas, Tex.
GRAY FLYING SERVICE, Lake City, Fla.; Joseph L. Gray,
 prop.
GRAY, INC. MARJORIE M., Teterboro Air Terminal, Teterboro, N. J.
GRAY'S AIRPORT, INC., Rte 1, Leesburg, Fla.
GRAZIER FLYING SERVICE, Box 934, Livingston, Mont.; Glen G.
 Gratzier, prop.; Stinson, Swift 1 Aeromacs; AO—U. S.; C-P.
GREAT PLAINS AIRWAYS, INC., Box 454, Columbus, Neb.
GREEN BAY AIRMOTIVE CORP., Brown County Airport, Green Bay,
 Wis.
GREEN FLYING SERVICE, Rte 4, Box 572B, Eugene, Ore.
GREEN MOUNTAIN AIRWAYS, INC., P. O. Box 431, Middlebury, Vt.
GREENBRIER AIRPORT, Box 447, White Sulphur Springs, W. Va.;
 Charles O. Tate, Jr., pres.; Cessna 170, Super Cruiser,
 2 Howard GA-15; AO—West Virginia; C-P.
GREENFIELD AIRPORT, INC., Box 240, Greenfield, Ind.
GREENSBURG AVIATION CO., Box 43, Greensburg, Pa.
GREENWICH AIR SERVICE, Greenwich, N. J.; Alan B. Lincal, prop.
GREENWOOD LAKE FLYING SCHOOL, Box 146, Greenwood Lake,
 N. Y.
GREENWOOD AVIATION CO., Box 379, Greenwood, Miss.
GREER FLYING SERVICE, J. D., Box 389, Palmattin, Fla.
GREVADA AIR SERVICE, Box 23, Greenvale, Miss.
GREYBULL FLYING SERVICE, Box 689, Greybull, Wyo.
GREYLOCK AIRWAYS, INC., 38 Emerson Ave., Pittsfield, Mass.;
 John A. Greynock, pres.; Stinson 165, AO—150 miles from base; C-P.
GRIFFIN AIRWAY, Howey in the Hills, Fla.; W. F. Schantz, mgr.;
 DRS, PA-II; AO—U. S.; C-P-A-I.
GRIFFING FLYING SERVICE, Sandusky Airport, Sandusky, O.
GRIM FLYING SERVICE, INC., R.P.D. 4, Staunton, Va.
GRIMES FLYING SERVICE, Grimes Field, Urbana, Ohio.
GRIMES FLYING SERVICE, WALTER, Bethel Rd. 1, Berks County,
 Pa.; Walter H. Grimes, prop.; Stinson 165, Cruiser, T-50, DC-3; AO—
 U. S.; C-P.
GROS, LEO JOSEPH, Girard Airport, Lafayette, La.
GROTON FLYING SERVICE, INC., Box 217, Groton, Conn.
GROVE'S FLYING SERVICE, Box 1022, Canas, Wash.

GRUPE, LUCIANO GEORGE, 225 S. David St., San Angelo, Tex.
 GUINNEY FLYING SERVICE, Coatsville Airport, Coatsville, Pa.:
 E. Paul Guinney, prop.
 GULF AIRMOTIVE, Box 597, Bradenton, Fla.
 GULF AIRWAYS, INC., P. O. Box 1126, Ft. Myers, Fla.
 GULF COAST FLYING SERVICE, Box 1361, Kingsville, Tex.
 GULF COAST FLYING SERVICE, Route 6, Box 560, Houston, Texas.
 GULFPORT AIR SERVICE, P. O. Box 419, Gulfport, Miss.
 GUNNELS TRACTOR CO., INC., Colby, Kan.

H

H & H AIRWAYS, Boire Field, Nashua, N. H.; John A. Rapais & Kenneth C. Howe, props.; Stinson 108, Taylorcraft; AO—U. S. Canada;
 H & H FLYING SERVICE, INC., Box 742, Redding, Calif.; Alma J. Hidas, pres.; Cub, Cornell, Taylorcraft; 3 Cessna 120s (Cessna 170); AO—Redding area; C-P-I
 HAGER FLYING SERVICE, 7700 N. Broadway, St. Louis
 HAILE-BYBEE FLYING SERVICE, Box 488, Del Rio, Tex.
 HAILE FLYING SERVICE, Haile Airport, Austin, Tex.
 HAIR FLYING SERVICE, Harding Field, Baton Rouge, La.; J. D. Hair, prop.; Stinson 165, Cruiser, Cessna 140; AO—Not restricted; C-P
 HAIR MARION P., 1916 Avenue B, San Antonio, Tex.
 HALGRIMSON, JOHN, Fresno Cafe, Fresno, S. D.
 HALIFAX AVIATION ENTERPRISES, Box 127, Halifax, Va.; J. L. Fayer & N. E. Koch, props.
 HALL, ARCH W., 1037 N. Main, Sheridan, Wyo.
 HALL FLYING SERVICE, P. O. Box "G," Eagle Pass, Tex.; Fred H. Hall, Jr., pres.; Cessna 140 (Cessna 170); AO—U. S.; C-P
 HALLADAY SCHOOL OF FLYING & AIR TRANSPORT, Box 6, Joseph, Ore.
 HALLOCK CHARTER SERVICE, Rte. 2, Box 106A, Austin, Tex.; Bruce K. Hallock, pres.; 2 Stinson 150s; AO—Austin area; C-P
 HALL'S FLYING SERVICE, Clarksville, Ark.; Claud F. Hall, pres.; Cessna 140, 2 Champions (Cessna 170); AO—U. S.; C-P
 HALSMEYER FLYING SERVICE, Halsmeyer Airport, Lafayette, Ind.; Francis P. Halsmeyer, pres.; Cub, 2 UC-78s, 2 BT-13s; AO—U. S. Europe; C-P
 HAM AVIATION SERVICE, Palukai, Va.
 HAMLEN FLYING SERVICE, Box 53, E. Stroudsburg, Pa.; Harold T. Hamlen, prop.
 HAMBURG AIRPARK, INC., Box 154, Hamburg, N. Y.
 HAMBURG FLYING SERVICE, Hamburg, N. Y.
 HAMILTON AIRPORT FLYING SCHOOL, R. R. 8, Hamilton, Ohio.
 HAMILTON FLYING SERVICE, Hamilton, Mont.; Robert C. Johnston & Harry O'Brien, props.; Cruiser, Fairchild, Cessna 140, 3 Cubs (Northman); AO—W. Mont.; C-P
 HAMILTON FLYING SERVICE, CECIL, Box 1187, Big Springs, Tex.; Cecil F. Hamilton, prop.; Monocoupe; AO—300 miles from base; P.
 HAMPTON AIR SERVICE, INC., Bowman Field, Louisville.
 HAMPTON AIRPORT CO., INC., Hampton, N. H.
 HANCE FLYING SERVICE, Hance Airport, Wyandotte, Mich.
 HANDLEY SCHOOL OF AVIATION, R. D. 2, Connecticut Lake, Pa. C.
 HANCAIR SIX, INC., Flying L. Ranch, Banders, Tex.; J. D. Lapham, pres.; DISS, Cruiser, Stinson 165, Cessna 140; AO—Tex.; P.
 HANSEN FLYING SERVICE, Box 466, Torrington, Wyo.
 HARRISON AIR SERVICE, 769 Alvarado Rd., Berkeley, Calif.
 HARBOR BEACH FLYING SERVICE, Harbor Beach Airport, Harbor Beach, Mich.
 HARBORE SEAPLANE BASE, Cassadaga, N. Y.
 HARDING FIELD FLYING SCHOOL, INC., Harding Field, Elston House, Pa.
 HARDWICK AIRWAYS, Box 765, Joplin, Mo.; G. R. Hardwick, Jr., prop.
 HARDY MALCOLM L., Box 408, Waynesboro, Pa.
 HARLAN FLYING SERVICE, Box 445, Harlan, Ky.
 HARLAN FLYING SERVICE, Box 327, Harlan, Iowa.
 HARMON AVIATION SERVICE, Kenosha Airport, Kenosha, Wis.
 HARNAGEL, W. R., Box 661, Berger, Tex.
 HARMAN, E. ROBERT, 19 Wall St., New York, N. Y.
 HARRINGTON AIRPORT, INC., Harrington, Del.; Alice E. Link, pres.; Bellanca; AO—U. S.; C-P
 HARRIS AERO SERVICE, Box 4, Mooreville, N. C.; R. Don Harris, pres.; Waco, 2 other planes not specified; AO—South U. S.; C-P
 HARRIS & RYUN FLYING SERVICE, Box 55, Lovell, Wyo.
 HARRISBURG AIR SERVICE, INC., Penn-Harris Airport, R.D. 1, Harrisburg, Pa.; Maurice E. Bowman, pres.; Waco UIC, 2 Luscombe 4As, 2 Super Cruisers; AO—U. S.; P.
 HARRISON FLYING SERVICE, Harrison, Ark.
 HARTE FLYING SERVICE, Hanger 2, Munie Airport, Wichita, Kan.
 HARTMAN AIRWAYS, INC., DAN, Hartman Field, Harrisonburg Va.; Dan Hartman, pres.; Twin Cessna, 2 Bellanca, other light planes not specified; AO—U. S. Canada, Mexico; C-P
 HASTINGS AIR SERVICE, Hastings Airport, Hastings, Mich.
 HASTINGS SKY RANCH, INC., Hastings, Neb.
 HATTISBURG FLYING SERVICE, Box 749, Hattisburg, Miss.; J. W. C. Jones, pres.; Stinson 165, 2 Cruisers (Stinson Wagon); AO—SW U. S.; C-P
 HAVEN FLYING SERVICE, Schenectady County Airport, Schenectady, N. Y.
 HAWAIIAN SCHOOL OF AERONAUTICS, P. O. Box 7, Honolulu, T. H.
 HAWKEYE FLYERS OF BURLINGTON, INC., P. O. Box 44, Burlington, Vt.
 HAWTHORNE FLYING SERVICE, P. O. Box 419, Charleston, S. C.; Beverly E. Howard, pres.; FA-12, Cessna T-30, Bonanza; AO—N. C. & C. O.; C-P
 HAY, INC., RUSSELL P., County Airport, Pittsburgh, Pa.
 KAYWARD SKYWAYS, INC., Hayward Municipal Airport, Hayward, Calif.
 HAZEL FLYING SERVICE, Municipal Airport, Artesia, N. M.
 HEART OF MAINE FLYING SERVICE, INC., Dexter, Maine.
 HEATHCOTE, ROY J., Box A, Roscher City, Ill.
 HEATON, JENNISON, 2741 Divisadero St., San Francisco 33, Calif.
 HERBERT AIR SERVICE CO., Fullerton Municipal Airport, Fullerton, Cal.
 HERRON AIRWAYS, Hebron, Neb.
 HEDDEN FLYING SERVICE, Belleville, Kan.; V. W. Hedden, pres.; Waco, Stinson, Cessna; AO—U. S.; C-P
 HEIDELBAUER FLYING SERVICE, Music Airport, Sac City, Iowa.
 HEILIG, ROBERT B., Box 304, Grand Island, Neb.
 HELICOPTER AIR TRANSPORT, Central Airport, Camden, N. J.
 HELLER AIR RANCH, Wisner, Neb.

HEMPFEL AIRWAYS, Box 41, Lambert Field, St. Louis.
 HENDERSON FLYING SERVICE, Henderson Airport, Rte 1, Henderson, N. C.
 HENDRICKS AIR SERVICE, Norton, Kansas, Arnold S. Hendricks, Prop.
 HENNE, HERBERT, Box 477, Kemewick, Wash.
 HENRY FLYING SERVICE, EARL, 325 S.W. 35th St., Oklahoma City.
 HENSLEY FLYING SERVICE, Box 1029, Hawre, Mont.; Walter C. Hensley, pres.; Stinson, PA-12 (Stinson); AO—Mont., N. Central States, Canada; C-P
 HENSON, INC., P. O. Box 689, Hagerstown, Md.
 HERMANN FLYING SERVICE, 91 Longfellow Dr., Longmeadow, Mass.
 HESLER-NOBLE AIR SERVICE, Box 483, Laurel, Miss.
 HESS CLARENCE, 850 Fifth Ave., N. E. Cedar Rapids, Iowa.
 HETTINGER AIR SERVICE, Hettinger, N. D.
 HEWES FLYING SERVICE, 131 S. Oak St., Colville, Wash.
 HIBBS, ASHBY, 128 Poncha Blvd., Salida, Colo.
 HICKMAN AVIATION, Stafford, Kan.
 HICKS AIRCRAFT SALES & SERVICE, INC., Rte. 7, Dallas, Tex.; P-I
 HIGGS AVIATION SERVICE, Highland Park Airport, Rte 7, Dallas.
 HICKS-KESLER FLYING SCHOOL, INC., Woodrum Field, Rousesake, Va.
 HIGHLANDS SCHOOL OF AERO, INC., Box 507, Avon Park, Fla.
 HIGHLAND FLYING SERVICE, Cost Rd. 46, Ft. 7, Dallas, Tex.; Charles W. Wilbur, prop.; DISS, Cessna T-50, Fairchild 24, Taylorcraft 3 Aeronaas; AO—U. S., Canada, Central America; C-P
 HILLCREST AIRCRAFT CO., Box 504, Lewiston, Idaho.
 HILLCREST FLYING SERVICE, P. O. Box 423, Freeport, Ill.
 HILLER AIRPORT, P. O. Box G, Barro, Mass.
 HILLTOP FLYING SERVICE, Hilltop Airport, W. Buxton, Me.
 HILO FLYING SCHOOL, 358 Kiloana St., Hilo, Hawaii, T. H.
 HILTON FLYING SERVICE, Box 9556, Astoria, C. Spokane, Wash.
 HINCE FLYING SERVICE, INC., Weld Chamberlain Field, Minneapolis.
 HINES, R. F., Box 585, Hobbs, N. M.
 HINSON MITCHELL AVIATION, INC., Box 528, Annapolis, Md.; E. Stewart Mitchell, pres.; Widgeon, Stinson SR, PA-12; AO—U. S.; C-P
 HITCHENS FLYING SERVICE, INC., Munic. Airport, West Point, Va.; George W. Hitchens, prop.
 HOELEY-MATHEW AIR SERVICE, INC., New Orleans, Airport, New Orleans.
 HOEOUPT AIRPORT, RR 7, Box 752, Ocala, Fla.
 HOFFER FLYING SERVICE, Camden, S. C.
 HOFFMAN FLYING SERVICE, Box 443, Mt. Pleasant, Tex.
 HOFFMANN FLYING SERVICE, James Clements Airport, Bay City, Mich.
 HOGAN FLYING SERVICE, Mitchell, Nebraska; Everett W. Hogan.
 HOGUE FLYING SERVICE, T. H., 1555 W. 4th Ave., Corsicana, Tex.
 HOGUE AIR SERVICE, CLIFF, 495 N. 2nd St., Kiamath Falls, Ore.
 HOLCOMBE, H. E., P. O. Box "F", Red Mountain, Calif.
 HOLDBEVILLE AIR ACTIVITIES, Box 710, Holdenville, Okla.
 HOLLYWOOD AIRPARK, INC., Box 640, Hollywood, Fla.
 HOLSTON FLYING SERVICE, Box 547, Marion, Va.
 HOLT FLYING SERVICE, Fort Meadeville Airport, Meadeville, Pa.
 HONROTH, EDWARD F., Sky Haven School of Aero, Sky Haven Airport, Norfolk, Va.
 HOOPER FLYING SERVICE, Marion, Kan.
 HOOVER FLYING SERVICE, L. L., La Crosse, Kan.; L. L. Hoover, pres.; Navion; AO—X, F.
 HORN'S FLYING SCHOOL, Chagrin Falls Airport, Chagrin Falls, Ohio; Wilbur C. Horn, pres.; AO—U. S.; Voyager, Cessna 140 (Cessna); C-P-I-S
 HORVATH FLYING SERV., PAUL G., 368 N. E. 57th St., Miami, Fla.
 HOSSTETTER, OSEAR, 100 York Airport, York, Pa.
 HOT SPRINGS AIRWAYS, INC., Memorial Airport, Hot Springs, Ark.
 HOUK FLYING SERVICE, Box 1116, Pawhuska, Okla.
 HOULTON FLYING SERVICE, Box 111, Houlton, Me.
 HOUMA AIR SERVICE, Box 75, Houma, La.
 HOUSTON FLYING SERVICE, Houston, Miss.
 HOWARD AIRWAYS, INC., 20 High St., Westerly, R. I.
 HOWARD AVIATION, INC., P. O. Box 1287, Peoria, Ill.
 HOWARD FLYING SERVICE, INC., Box 565, Ames, Ia.
 HOWE FLYING SERVICE, Browne Airport, Kendall, Fla.
 HOWELL AVIATION SERVICES, Outlaw Field, Clarksville, Tenn.; Archer Howell, Jr., prop.
 HOYER FLYING SERVICE, U. S. 41 at Summit Hancock, Mich.
 HOYT'S FLYING SERVICE, Fuller, S. D.
 HUB AVIATION SERVICE, Crown Point Airport, Crown Point, Ind.
 HUB CITY AIR SERVICE, Box 761, Alexandria, La.; Ben H. Baker, Jr., & John G. Baker, props.
 HUBBARD AVIATION CO., Watertown, S. D.
 HUBBARD'S FLYING SERVICE, 216 Tyler St., Athens, Pa.
 HUDGIN AIR SERVICE, P. O. Box 483, Tucson, Ariz.
 HUDSON VALLEY AIRCRAFT CO., INC., Randall Airport, Middletown, N. Y.
 HUDSON VALLEY AVIATION CENTER, 140 Front St., Newburgh, N. Y.; E. M. Rockwell, Pres.; Cub, Super-Cruiser, Taylorcraft Super, planes (Cub, Seabee) AO—East U. S.; C-P
 HUGHES FLYING SERVICE, Box 247, Lansing, Mich.
 HULINGS, THOMAS M., 548 Central St., Framingham, Mass.
 HUMMEL AVIATION, Hopewell, Va.; Fred E. Hummel, prop.; Bellanca; AO—U. S.; C-P
 HUNDLEY'S CLEANERS & MEN'S WEAR, 21 Main St., Box 637, Fort, Tex.
 HUNTER, CECIL M., 2812 Ridgemore Blvd., Amarillo, Tex.; Cecil M. Hunter, pres.; Navion; AO—Midwest; C-P
 HUNTER FLYING SERVICE, INC., Box 1510, Cedar Rapids, Ia.
 HUNTINGTON AIRPORT, INC., Box 1679, Huntington, W. Va.
 HURST, D. B., Box 428, Wannagan, Okla.
 HYDE FLYING SERVICE, INC., Box 8125 Houston 4, Tex.
 HYLAN FLYING SERVICE, INC., Rochester Airport, Rochester, N. Y.

I

ICE FLYING SERVICE, Box 13, Pierre, S. D.
 ILLINI AIRPORT, Box 264, Chicago, Ill.
 INDIAN HEAD FLYING SERVICE, INC., Airport, Amory, Wis.
 INDIAN RIVER FLYING SERVICE, Box 772, Vero Beach, Fla.
 INDIANA AIR SERVICE, INC., Bendix Field, P.O. Box 1194, South Bend, Ind.

- INDIANAPOLIS FLYING SERVICE, INC., Weir Cook Airport, Indianapolis 44, Ind.
- INGRAM AIR SERVICE, 1006 Scott St., Dahlart, Tex.
- INLAND LAKES FLYING SERVICE, Muncie Airport, Cadillac, Mich.
- INMAN AIR SERVICE, 8023 Naylor Ave., Los Angeles; Arthur P. Inman, pres.; AO—U. S.; 3 North Americans; C-P-I.
- INSTRUMENT FLIGHT ACADEMY, Box 2044, Reno, Nev.
- INTERCITY FLYING SERVICE, INC., Smith Field, Fort Wayne, Ind.
- INTER-CITY FLYING SCHOOL, Curry Rd., R. D. 4, Schenectady, N. Y.
- INTERCOASTAL AIRWAYS, INC., 1204 Canandalet St., New Orleans.
- INTERISLAND FLIGHTWAYS, INC., 17 Dupont Circle, Wash., D. C.
- INTERMOUNTAIN AIR SERVICES, INC., Box 123, Preston, Idaho.
- INTERMOUNTAIN AVIATION, INC., Adams City Airport, Dupont, Colo.
- INTERNATIONAL AEROMARINE, INC., Alcazar Hotel, Miami, Fla.
- INTERNATIONAL AIR SERVICE, INC., Box 938, Palm Beach, Fla.
- INTERNATIONAL AIR TRANSPORT, INC., 15 Main St., Hackensack, N. J.
- INTERNATIONAL AIRCRAFT SERVICE, Muncie Airport, Laredo, Tex.; J. E. Winters & V. D. Jansen, prop.
- INTERSTATE AIR LINES, INC., Cedarstown, Ga.; E. M. Spearman, pres.; Aeromarine, Steamship, Super Cruiser, 2 Cubs; AO—NW Ga.; P.
- INVO AIR SERVICE, Independence, Mo.
- IOWA AIR AMBULANCE & EMERGENCY SERVICE, 332 E. Washington St., Iowa City, Ia.
- IOWA CITY FLYING SERVICE, Muncie Airport, Iowa City, Ia.
- IOWA FLIGHT SERVICE, Box 326, Ft. Dodge, Ia.
- IRWIN SCHOOL OF FLIGHT, Box 1963, Corpus Christi, Tex.; J. T. Irwin, prop.
- ISLAND AIRWAYS FLYING SCHOOL, INC., 233 Fordham St., N. Y.
- ISLAND AIRWAYS, INC., 12295 Biscayne Blvd., Miami, Fla.
- ISLAND AVIATION, INC., Muncie Airport, Bellast, Me.
- ISLAND SEAPLANE SERVICE, Everglades, Fla.
- ISLAND SKY FERRIES, INC., Box 97, Eastmond, Washington.
- ITACA FLYING SERVICE, INC., Municipal Airport, Ithaca, N. Y.
- J & J AIRCRAFT, INC., Box 281, Venice, Fla.
- J & J FLYING SERVICE, Fallville, Kan.
- J & L FLYING SERVICE, Chester Municipal Airport, Chester, S. C.; Cessna 140; AO—unlimited; C-P.
- JACKSON AVIATION SERVICE, Shelby County Airport, Shelbyville, Ill.
- JACKSON FLYING SERVICE, Muncie Airport, Jackson, Miss.
- JACKSON HOLE FLYING SERVICE, Jackson, Wyo.
- JACKSONVILLE AIRPORT, INC., Jacksonville, N. C.
- JACOBY AIR SERVICE, Sterling Airport, Sterling, Ill.
- JANSEN AVIATION CO., Muncie Airport, Jamestown, N. Y.
- JANESVILLE FLYING SERVICE, Route 2, Janesville, Wis.
- JANSEN SKYTEL & FLYING SERVICE, R. R. 4, McPherson, Kan.; William H. Janssen, prop.; Ecoupee, Station Wagon, 2 Cubs, 3 BC-12Ds (Station Wagon); AO—Central States; C-P.
- JARED AIR SERVICE, Box 475, Gainesville, Ga.
- JASPER COUNTY AIRPORT, Rensselaer, Ind.
- JASPER FLYING SERVICE, INC., Walker County Airport, Jasper, Ala.
- JENNINGS FLYING SERVICE, Airport, Crossett, Ark.
- JERSEY AIRWAYS, Monmouth County Airport, Belmar, N. J.; E. I. Brown, pres.; T-36, Stinson 150, Ecoupee, 4 Aeromacs, 7ACs (Aeromacs); AO—U. S.; C-P.
- JERSEY SHORE AIRPORT, Jersey Shore, Pa.
- JEWETT, MARTIN L., Ubers Rd., Jacksonville, N. Y.
- JIM'S FLYING SERVICE, Highland-Wine Airport, Highland, Ill.
- JOHANSON FLIGHT SERVICE, Rte. 3, Box 160, Astoria, Ore.
- Gerald B. Johanson, prop.; Navion, PT-19, Swift, 2 Aeromacs, 2 Luscombes; AO—Ore., Wash.; C-P.
- JOHN DAY FLYING SERVICE, Box 261, John Day, Ore.
- JOHNNY'S CHARTER SERVICE, 754 Locust Ave., Long Beach, Calif.
- JOHNSON AERIAL SERVICES, LTD., Box 1251, Winter Haven, Fla.
- JOHNSON CITY AIRPORT, Box 928, Johnson City, Tenn.; David J. Zorob, pres.; BT-13, Stinson SR-8; AO—U. S.; C-P.
- JOHNSON, CLAY, 2116 Ferris, Lawton, Okla.
- JOHNSON FLYING SERVICE, Box 147, Plains, Mont.
- JOHNSON FLYING SERVICE, Box 201, Greenwood, S. C.; Luther C. Johnson, prop.; Bonanza, Super Cruiser, Ecoupee; AO—X; C-P.
- JOHNSON FLYING SERVICE, INC., Harlan, Iowa.
- JOHNSON'S FLYING SERVICE, Aberdeen, S. D.
- JOHNSTON AIRCRAFT CORP., Muncie Airport, Atlanta, Ga.
- JOHNSTOWN AIRWAYS, INC., Johnstown Municipal Airport, Johnstown, Pa.
- JOINER, HAROLD W., Chesterown, Md.
- JOLLY, LESTER O., Box 191, Grand Fork, N. D.
- JONES & INGRAM AERO SERVICE, Box 1305, Dahlart, Tex.
- JONES FLYING SERVICE, Box 147, Plains, Mont.
- JONES FLYING SERVICE, e/o Parks Aircraft Sales & Service, 334 Richards St., Kansas City, Mo.; Harold F. Jones, prop.
- JONES FLYING SERVICE, Rte. 3, Lincolnton, N. C.
- JONES FLYING SERVICE, CASEY, Muncie Airport, Ontario, Ore.
- JONES FLYING SERVICE, INC., Sullivan Ave. Airport, Columbus, Ohio.
- JONES FLYING SERVICES, JIMMY, Box 908, Cleveland, Miss.
- JONES, JOE F., Box 598, Clarendon, Tex.
- JONES, RALPH M., Almonesson Airport, Almonesson, N. J.
- JONES, STANLEY A., RR 2, Chillicothe, O.
- JONESBORO FLYING SERVICE, INC., Box 781, Jonesboro, Ark.; W. B. Arnold, pres.; Stinson 150, Cessna 120, Cessna 140, Cubs; AO—Craighed Co., Fairmont, Green, Ark.; & E. M. Co.; P.
- JUNIOR COLLEGE FLYING SERVICE, Box 72, McCook, Neb.
- KAMPEKA AIR SERVICE, INC., Box 263, Watertown, S. D.
- KANSAS AIR SECURITY Natl. Bank Bldg., Kansas City, Kan.; J. E. O'Riordan, prop.
- KANSAS AIR ACTIVITIES, INC., Box 254, Russell, Kan.
- KANSAS CITY FLYING SERVICE & AIR COLLEGE, INC., 710-818 Richards St., Kansas City, Mo.
- KELSER FLYING SERVICE, Kellogg, Ida.
- KELLEY FLYING SERVICE, R. R. 10, Ft. Wayne, Ind.
- KENMORE AIR HARBOR, INC., Box 64, Kenmore, Wash.
- KENNEDY-RILEY FLYING SERVICE, Rte. 3, Wilroads Gardens Airport, Dodge, Kan.
- KEN'S CURRY FLYERS, Olan Airport, Olan, N. Y.
- KENTON SCHOOL OF AERONAUTICS, Box 201, Kenton, O.
- KENTUCKY AIR TRANSPORT, INC., Bowman Field, Louisville, Ky.
- KENTUCKY INSTITUTE OF AERONAUTICS, INC., P. O. Box 546, Paducah, Ky.
- KEPNER AIR AMBULANCE SERVICE, 1308 Chapline St., Wheeling, W. Va.; A.
- KERVILLE FLYING SERVICE, Kerville Muncie Airport, Box 100, Kerville, Tex.; Carl D. Mack, pres.; Cruiser, Taylorcraft; AO—unlimited; P.
- KESSEL WARD FLIGHT SERVICE, RD 3, Bradford, Pa.
- KEY BROS. FLYING SERV. INC., P. O. Box 1468, Meridian, Miss.
- KEYSER AIR SERVICE, INC., Keyser, W. Va.; C. Arnold Ludwick, pres.; Cessna UC-78, Super Cruiser; AO—unlimited; C-P.
- KIDD FLYING SERVICE, J. B. Rte 6, Box 349, Springfield, Mo.; J. B. Kidd, prop.
- KILGORE FLYING SERVICE, INC., Box 230, Kilgore, Tex.
- KING AIR SERVICE, Warren Airport, Warren, Pa.
- KING AVIATION SERVICE, King Field, East Taunton, Mass.
- KINGSBURY FLYING SERVICE, Box 14, Kingsfisher, Okla.
- KING'S AERO SERVICE, Box 1435, Hurley, N. M.
- KING'S AIR SERVICE, P. O. Box 1021, Macon, Ga.
- KING'S GATEWAY CHARTER SERVICE, King's Gateway Hotel, Land & Lakes, Wis.; Andrew H. Stuart, mgt.; Weylon; AO—Wis. and adjoining states, including Canadian territory immediately north; C-P.
- KING'S SCHOOL OF AVIATION, Muncie Airport, Columbus, Ga.; C. Wood King, prop.
- KINER FLYING SERVICE, Box H, Ozona, Tex.
- KITTITAS FLYING SCHOOL, Box 608, Ellensburg, Wash.; W. C. Butcher, mgt.; Interstate Sky Ranger, BT-13, 2 Cubs, 2 Taylorcraft (Stinson); AO—U. S.
- KNAPP FLYING SERVICE, Outlaw field, Clarksville, Tenn.
- KNIER FLYING SERVICE, CARL, 319 E. Thomas Rd., Phoenix, Ariz.
- KNOELL FLYING SERVICE, Box 592, Kearney, Neb.
- KNOTT, J. C., Louisville, Ky.
- KNOXVILLE FLYING SERVICE, INC., Box 374, Knoxville, Tenn.
- KORBIT, WM. W. & THEO. W., New Palms Airport, New Palms, N. Y.
- KORNER, DELBERT W., Kankakee Airport, Kankakee, Ill.
- KOS FLYING SERVICE, 1601 1/2 Elk St., Seneca, Kansas; Floyd Frederick Kos.
- KRAMER FLYING SERVICE, Box 721, Alamosa, Colo.
- KRAMER MOTOR CO., Hampton, La.
- KRATZ CORPORATION, Kraz Field, St. Louis.
- KRIESSEN & EGGLESTON AIR SERVICE, Box 646, Burns, Ore.
- KROELLINGER FLYING SERVICE, Box 33, Vicksburg, N. J.
- KUCIE, EDWARD J., Transit Airport, Depew, N. Y.
- KURTZER FLYING SERVICE, 950 Westlake Ave. N., Seattle; 7 aircraft; AO—local and Br. Columbia; C-P-I.
- KUYKENDALL FLYING SERVICE, Box 576, Lordsburg, N. Mex.
- L & D FLYING SERVICE, Box 29, Prosser, Wash.
- LA FAYETTE & TRION FLYING SERVICE, Lafayette, Ga.
- LA GRAND AIR SERVICE, INC., Muncie Airport, Box 682, La Grande, Ore.
- LAGRONE FLYING SERVICE, TEX., 200 Richards Rd., Municipal Airport, Kansas City, Mo.
- LA JUNTA AVIATION ENTERPRISES, INC., La Junta Air Force Base, La Junta, Colo.
- LAKE AIR SERVICE, Box 443, Lake Charles, La.; William L. Downer, prop.
- LAKE ANDES FLYING SERVICE, Lake Anides, S. D.
- LAKE CHARLES AVIATION SERVICE, P. O. Box 490, Lake Charles, La.
- LAKE LAND SKYWAYS, INC., Wold Chamberlain Airport, Minneapolis, Minn.
- LAKE OF THE WOODS FLYING SERVICE, P. O. Box 482, Bandette, Minn.
- LAKE PLACID FLYING CLUB, INC., e/o Leon McGibbon, McLenathan Ave., Lake Placid, N. Y.; P.
- LAKE SUPERIOR AVIATION, INC., Houghton, Mich.
- LAKEHEAD AIRWAYS, Municipal Airport, Duluth, Minn.
- LAKELAND AIRWAYS, Minorqua, Wis.
- LAKE-LAND CHARTER SERVICE, 939 Noble Ave., Bridgeport 8, Conn.
- LAKELAND FLYING SERVICE, Boulder Junction, Wis.
- LAKESIDE AVIATION SERVICE, Cooperstown Airport, Cooperstown, N. Y.
- LAKESIDE FLYING SERVICE, Houghton Lake State Airport, The Heights, Mich.
- LAKEWOOD AIR SVCE., INC., Cedar Bridge Ave., Lakewood, N. J.
- LAMBERS SEAPLANE BASE, 34 Bergen Turnpike, Ridgefield Park, N. J.
- LANCASTER AIRPORT, Box 25, Lancaster, Ohio.
- LANCASTER FLYING SERVICE, INC., Box 137, Lancaster, Wis.
- LANDWATER AIRWAYS, 4909 Bayshore Blvd., Tampa, Fla.
- LANE AIR SERVICE, Oxford, Ala.
- LANE AIRCRAFT CO., 1899 Chambers St., Eugene, Ore.
- LANE AIRPARK, P. O. Box 432, Rosenberg, Tex.
- LANE AVIATION CORP., Bangor 1, Port Columbus, Columbus, O.
- LANE FLYING SERVICE, Box 3, Muncie Airport, Omaha, Neb.
- LANGE AVIATION CORP., Box 1028, Milwaukee.
- LAONA FLYING SERVICE, Laona, Wis.
- LAPER SCHOOL OF AVIATION, 1186 Roods Lake Rd., Lapeer, Mich.
- LARIMORE FLIGHT SERVICE, Box 441, Ossawatimie, Kan.
- LARSON FLYING SERVICE, Buchanan Field, Concord, Calif.; Marie D. Larson, pres.; Cub, Luscombe, Howard; AO—U. S.; C-P.
- LAS VEGAS FLYING SERVICE, Box 522, Las Vegas, N. M.
- LASHELLE, JOSEPH W., JR., 12301 View Crest Rd., N. Hollywood, Cal.
- LASHLEE FLYING SERVICE, 217 Dyer St., Malvern, Ark.; G. W. Lashlee, Prop.
- K & M FLYING SERVICE, Box 283, Coahoma, Va.
- KAHLE, KEITH AVIATION, INC., P. O. Box 593, Oklahoma City, Okla.
- KALAMAZOO FLYING SERVICE, INC., Muncie Airport, Kalamazoo, Mich.

UNITED STATES IRREGULAR CARRIERS--Continued

LAUREL SCHOOL OF AERONAUTICS, Laurel Airport, Laurel, Del.
LAWRENCEVILLE FLYING SERVICE, INC., Lawrenceville, Va.
LAWTON, L.E.E., Portville Airport, Portville, N. Y.
LAW & COMES FLYING SERVICE, Commercial Airport, Tulsa, Okla.
LEACH, RAYMOND, 1000 E. 12th St., Rocky Mountain, N. C.
LEESBURG AVIATION CENTER, Box 47, Leesburg, Fla.
LEFLORE FLYING SERVICE, Box 148, Greenwood, Miss.
LEIGH AIRCRAFT CO., Allentown-Bethlehem Airport, Allentown, Pa.
LEIGH AIRCRAFT CO., Marshall Field, Leicester, Mass.
LEIGHNOR AIRCRAFT, Inc., Hutchinson, Kan.
LEITH AIR SERVICE, Gold Beach, Ore.
LEITHOLD SEAPLANE SERVICE, Commercial Airport, Box 569, Ely, Minn.
LEON AIRPORT, Box 100, Leon, Okla.
LEMON W. CLAYTON, Woodrum Field, Roanoke, Va.
LEON VALLEY AIRPORT, Box 5128 Beeson Hill Sta., San Antonio, Tex.
LE SEUER FLYING SERVICE, INC., Le Seuer Airport, Le Seuer, Minn.
LEWIS AVIATION SERVICE, INC., Concord, N. C.
LEWIS COLLEGE OF SCIENCE & TECH., Lockport, Ill.
LEWIS FLYING SERVICE, Inc., Lexington, Ky.
LIBBY FLYING SERVICE, Box 324, Libby, Mont.
LIBERAL AIRCRAFT CO., INC., 12 E. 2nd St., Liberal, Kan.;
PA-12, ST-36, Station Wagon, J Cessna 140s (Cessna 170) AO-U.
LIBERTY FLYING SERVICE, INC., Liberty, N. Y.; Paul Grossingers, pres.; Twin Cessna, Station Wagons; AO-U—E, C-P.
LIMA FLYING SERVICE, Carlsile Airport, Carlsile, Ark.
LIMA AVIATION CORP., Box 100, Lima, O.
LINCOLN AIRLINES, INC., 130 N. 4th St., Springfield, Ill.
LINCOLN FLYING SERVICE, INC., Box 312, Linnola, Ill.
LINDLE FLYING SERVICE, Inc., Box 356, Cherokee, Iowa.
LINDLEY AIRCRAFT, Rt. 2, Box 258B, Acampo, Calif., Albert A. Lind, prop.
LINK AERONAUTICAL CORP., Nowlan Rd., Binghamton, N. Y.
LIPPINCOTT CHARTER, Box 324, Thermopolis, Wyo.
LITTLE ROCK AVIATION CORP., Little Rock, Ark.
LITTLE FLYING SERVICE, Ray Schenck, Little Rock, Ark.
LITTLE ROCK AIRCRAFT SALES, Adams Field, Little Rock, Ark.
LITTLE ROCK PI, Piagra, Prop.
LIVINGSTON, CLARA B., Colorado Airfield, Dorado, P. R.
LIVINGSTON MANOR AIRPORT, INC., Livingston Manor, N. Y.
LOCKWOOD BOAT & MOTOR CO., Lake Ozark, Mo.; Glen Wood, John Locke, prop.
LORWOLD, E.D., INC., R.R. No. 5, Frankfort, Ind.
LOGAN AIR SERVICE, P. O. Box 417, Logan, Utah.
LOGANSPORT FLYING SERVICE, R. 2, Logansport, Ind.; C. E. Heaton, mgr.; Beechcraft 33, Cessna 140; AO-U—E, C-P.
LONGBORE AIRCRAFT CORPORATION, 504 Driscoll Bldg., Corpus Christi, Tex.
LONG ISLAND SCHOOL OF AERONAUTICS, INC., Sayville Airport, Sayville, L. I., N. Y.
LONG ISLAND SERVICE, P. O. Box 372, Manhasset, N. Y.
LONGMONT FLYING SERVICE, INC., Rte. 3, Box 100, Longmont, Colo.; Paul Kugel, pres.; Stinson, a Cessna, 4 Cubs; AO—unlimited; P. LONG'S AIR ACTIVITIES, Box 616, Marquette, Mich.
LONG'S FLYING SERVICE, Hamblin Commercial Airport, Hamblin, Mo.

LONGVIEW FLYING SERVICE, Box 2429, Longview, Tex.: L. K. Sullivan & T. J. Long, Props.; UC-78, Luscombe, & Aeromacs (Cub): AO—U. S. Mexico; C-P.

LOUISIANA AIRCRAFT, Box 1628, Baton Rouge, La.

LOWE FLYING INC., Box 1447, Lake Charles, La.

LOUISVILLE FLYING SERVICE, INC., Bowman Field, Louisville, Ky.

LOWLAND FLYING SERVICE, P. O. Box 571, Loveland, Colo.

LOWE AVIATION CO. INC., Box 368, Macon, Ga.

LOWE FLYING SERVICE*, P. O. Box 1044, Barabara, Fla.

LOWMAN FLYING SERVICE, Leesburg, Ind.

LOWMYER FLYING SERVICE, Box 100, Lufkin, Tex.

LUFT AVIATION, INC., Cadron, Neb.; Conrad Luft, Jr., pres.; Steinson L-S, Cassia Airmaster (Cessna 140, Cessna 170); AO—U. S. C.

LUND & ENGLISH AIR SERVICE, Fresno Air Terminal, Fresno, Cal.

LUNDHRY FLYING SERVICE, Ingersoll Airport, Canton, Ill.; L. B. Lundry, prop.

LUNDY FLYING SERVICE, Municipal Airport, Billings, Mont.

LYNCH FLYING SERVICE, 1215 N. Walker St., Princeton, W. Va.

LYNCH-PARRISH SERVICE, INC., Box 861, Galveston, Tex.

LYNCHBURG AIR TRANSPORT & SALES CORP., Preston Glenn Airport, Lynchburg, Va.; J. W. Lynch, Jr., pres.; 177D.

FAIRCHILD 24 Bonanza, Super Cruiser; AO—U. S. P.

LYNN & HANER FLYING SERVICE, Box 1405, Alice, Tex.

LYNN & HANER FLYING SERVICE, Box 1405, Alice, Tex.; N. Y.

LYSDALE FLYING SERVICE, Fleming Field, S. St. Paul, Minn.

M. L. FLYING SERVICE, INC., Munic. Airport, Medicine Lodge, Kan.
MACDONALD AIRWAYS, INC., R. 1. State Airport, Hills Grove, R. 801,
Mn.
MAC AVIATION, INC., Box 346, Chester, Mich.
MACREARY, J. E. and S. R., 25 S. Rd., Jackson, Ill.
MACON AIRMOTIVE SERVICE, INC., Box 1021, Herbert Smart
Airport, Macon, Ga.; S. S. Chandler, pres.; Voyager; AO—U. S.; C-P.
MADON, W. F. O. Box 185, Odessa, Tex.
MADISON FLYING SERVICE, Madison, Ind.; Don W. Ledgerwood,
pres.; Station Wagon; AO—unlimited; C-P.
MADISON FLYING SERVICE, Madison, S. D.
MADON, W. F. Flying, Mad Airport, S. D.
MAGNOLIA AIRWAYS & AVIATION CO., INC., Laurel, Miss.
MAHEUX'S AIRPORT, INC., R. F. D. No. 2, McChesney Falls,
Pa.
MAHEUX'S BOOT HILL FLYING SERVICE, Box 249, Dodge City,
Kan.
MAINE INSTRUMENT FLIGHT SCHOOL, State Airport, Augusta,
Me.
MAISCOTT AVIATION CO., 318 Central Ave., South Charleston,
W. Va.
MAJOR AMBULANCE SERVICE, Box 516, Mason City, Ia.
MAJOR AIRPARK, 339 S. 7th, Abilene, Tex.
MALLARD AIR SERVICE, INC., Teterboro Air Terminal, Teterboro,
N. J.
MALSHRECK AIR TRANSPORT, Felts Field, Spokane, Wash.
MANCHESTER AIRWAYS, INC., Box 891, Hot Springs, S. D.
MANGUM FLYING SERVICE, R. 1, Bay City, Tex.
MANITOWOC AIRWAYS, Box 3, Manitowoc, Wis.
MARSHALL FLYING SERVICE, INC., Box 10, St. Louis, Mo.

FOREIGN AIR MAIL RATES—PER ½ OUNCE

[illegible]

UNITED STATES IRREGULAR CARRIERS—Continued

MARCO AIR SERVICE, Rte. 1, Chillicothe, Mo.
 MARIETTA AIRWAYS, INC., Marietta Airport, Marietta, Ohio.
 MARION FLYING SERVICE, INC., So. State Rd. No. 9, Marion, Ind.
 MARION JAYCEE FLYING SERVICE, Marion, Ky.
 MARLIN FLYING SERVICE, 928 E. 2nd St., Mayville, Ky.
 MARCH AVIATION CO., INC., P. O. Box 590, Yuma, Ariz.
 MARSHALL AEROMOTIVE ASSOC., 214 North Lafayette St., Marshall, Tex.
 MARSHALL FLYING SERVICE, Box 1825, Rapid City, S. D.
 MARSHFIELD FLYING SERVICE, INC., Airport, Marshfield, Wis.
 MARTENS AIR SERVICE, Julesburg, Colo.
 MARTIN'S VINEYARD AIR SERVICES, INC., Edgartown Airport, Edgartown, Mass.
 MARTIN AIRWAYS, INC., Muncie Airport, Muncie, Ind.; H. A. Martin, pres.; T-30, Station Wagon, 2 FA-12s (Station Wagon, Super Cruiser); A.O.—Midwest; C.P.
 MARTIN AVIATION CO., Box 60, Sebring, Fla.
 MARTIN, BRUCE A., 219 W. Center St., Medina, N. Y.
 MARTIN FLYING SERVICE, INC., Box 891, Gastonia, N. C.
 MARTIN FLYING SERVICE, WILLIAM E., Box 276, Muncie Airport, Concord, N. H.; William E. Martin, pres.; Voyager, Station Wagon (Voyager, Station Wagon); AO—NE U. S., SE Canada; C.P.
 MARTIN, HERMAN L., Box 598, Walla Walla, Wash.
 MARTIN-O'BRIEN FLYING SERVICE, INC., Woodrum Field, Roanoke, Va.
 MARTIN SCHOOL OF AVIATION, Box 986, Santa Ana, Calif.
 MARTIN'S AIR SERVICE, 490 N. Center Ave., Somerset, Pa.; J. W. Martin, prop.
 MARTINSBURG FLYING SERVICE, INC., Box 682, Martinsburg, W. Va.
 MARYLAND AIRLINES CO., INC., Municipal Airport, Easton, Maryland.
 MATTITUCK AIRBASE, INC., Mattituck, N. Y.
 MATTOON AIRPORT, Mattoon, Ill.; James McBride, pres.; Station Wagon, 2 Fairchild, 3 Cubs, 2 Ansonias; AO—Midwest; C.P.
 MAUI FLYING ACADEMY, THE, Puuene Airport, Puuene, Maui, T. H.
 MAURO COMPANY, BEN, Conway-Fittsburg Airport, Conway, Pa.
 MAUK'S AIRPARK, Box 460, Blackwell, Okla.
 MAULDIN AIRCRAFT, INC., Box 1212, Brownsville, Tex.
 MAX'S AIR SERVICE, Box 746, Fond Du Lac Airport, Fond Du Lac, Wis.
 MAXWELL & IRVIN FLYING SERVICE, Kylertown, Pa.
 MAYHEW AERIAL SERVICE, P. O. Box 473, Olney, Tex.
 MAY'S FLYING SERVICE, Box 163, Herndon, Va.
 MAY'S FLYING SERVICE, 726 N. 1st St., Princeton, Ill.
 MAYSE AIR SERVICE, Box 502, Benson, Ariz.
 McALESTER AIR SERVICE, Airport, McAlester, Okla.
 McALLISTER FLYING SERVICE, Box 1090, Yakima, Wash., Charles D. McAllister, prop.
 McBOYLE CUB SALES, Box 203, Lake Delton, Wis.
 McCOLLUM, LOUIS & LOUISE, RR 4, Danville, Ill.
 McCOMB AIRWAYS, P. O. Box 420, McComb, Miss.
 McCONNELL FLYING SERVICE, Box 488, Parsons, Kas.
 McCOY'S AERO SERVICE, Spindale City Airport, Gastonia, N. C.
 McCREERY AVIATION CO., Miller Muncie Airport, McAllen, Tex.
 McCURDY'S FLYING SERVICE, Box 418, Canadian, Tex.
 McDONALD CO., C. R., 334 Richards Rd., Kansas City, Mo.
 McENNAN AIRPORT, Ypsilanti, Mich.
 McGINNESS, JR., AIR CHARTER SERVICE, J. E., 801 State Nat'l Bank Bldg., Boston, Tex.
 McGRAN, WILFRED, Alven Airport, RFD No. 1, Pontiac, Mich.
 McKELLAR AVIATION, Box 5042, Okla. City, Okla.; Harold H. McKellar, prop.
 McKinley AIR TRANSPORT, Inc., McKinley Airport, Canton, Ohio.
 McKENZIE FLYING SERVICE, 1300 North 27th St., Springfield, Ore.
 McKinley SCHOOL OF AVIATION, Fraser, Mich.
 McLAIN & NAYLOR FLYING SERVICE, Rte. 1, Box 43, Vernon, Tex.
 McMINNVILLE AIRBORNE CARGO, INC., 739 1st St., McMinnville, Ore.
 McPHERSON AIR SERVICE, Box 747, McPherson, Kan.
 McPHILLIPS FLYING SERVICE, Charlevoix Airport, Charlevoix, Mich.
 MEDINA FLYING SERVICE, Medina Airport, Medina, N. Y.
 MELLOR-HOWARD SEAPLANE BASE, Ridgefield Park, N. J.
 MEMPHIS AERO CORP., Hangar 1, Muncie Airport, Memphis, Tenn.
 MEMPHIS FLYING SERVICE, INC., R-1, Box 325, Germantown, Tenn.
 MERCURY CHARTER SERVICE, P. O. Box 573, Kalamazoo, Mich.
 MERCURY FLYING SERVICE, INC., Box 3035, Phoenix, Ariz.
 MEREDITH AIR SERVICE, Meredith, N. H.
 MEREDITH FLYING SERVICE, Cherryland Airport, Sturgeon Bay, Wis.
 MERIDEN AIRCRAFT CORP., Municipal Airport, S. Meriden, Conn.
 MERRILL AIRWAYS, Merrill, Wis.; Victor W. Kettl & Charles J. Ercovacci, props.; Cub, BT-13, 3 Stinson 150s; AO—Wis., Minn., Ill., Ia., C.P.
 MERRILL AVIATION CO., Municipal Airport, Fairbault, Minn.
 MERRILL-ETEO FLYING SERVICE, INC., Reynolds Field, Jackson, Mich.
 MERRIMAC VALLEY AIR SERVICE, INC., 525 Pawtucket Blvd., Lowell, Mass.
 MERRY, RALPH S., Lanesville, Pa.
 MESARA AVIATION, Coleraine, Minn.
 METCALFE AVIATION CO., Box 222, Greenville, Miss.
 METCALF FLYING SERVICE, INC., Box 23, Walbridge, O.
 METROPOLITAN AIRLINES, Box 164, Van Nuys, Calif.
 METROPOLITAN AVIATION CORP., Heliport No. 1, Pier 41, East River, N. Y.
 METZGER, A. B., St Paul, Minn.
 MEXIA FLYING SERVICE, INC., Muncie Airport, Mexia, Tex.
 MEXICO FLYING SERVICE, INC., Green Field, Mexico, Mo.
 MEYER, EARL T., 118 Chestnut St., N. Attleboro, Mass.
 MEYER FLYING SERVICE, INC., Box 448, Hendersonville, N. C.
 MEYER, INC., 2907 N. Clark St., Chicago.
 MIAMI AIRCRAFT SALES & SERV., Box 828, Miami, Okla.
 MIAMI VALLEY FLYING SERVICE, INC., R. 2, Dayton, Ohio.
 MICHIANA AIR SERVICE, 1829 N. Brookfield St., South Bend, Ind.
 MICHIGAN FLYING SERVICE, INC., Ionia County Airport, Ionia, Mich.
 MID CITY AIRCRAFT, Mid City Airport, Hudson, Ohio.
 MID-CITY AIRPORT, INC., Wozniak & Grunke Rds., R.R. 3, Michigan City, Ind.
 MID-DELTA FLYING SERVICE, Box 2735, Greenville, Miss.
 MIDDLETON FLYING SERVICE, Memorial Field, Hot Springs, Ark.
 MIDET AVIATION CORP., Roosevelt Field, Mineola, N. Y.
 MIDLAND AIR SERVICE, Dear Park Airport, Dear Park, N. Y.
 MID-STATE AVIATION, INC., Box 492, Norwalk, N. Y.
 MID-STATE FLYERS, Box 337, Cookeville, Tenn.
 MID-STATES AVIATION CORP., Sky Harbor Airport, Northbrook, Ill.
 MIDWAY AVIATION Christmas, IR, O. R. Morris, prop.
 MIDWAY SCHOOL OF AERONAUTICS, INC., Box 263, Goshen, Ind.
 MIDWEST AIRCRAFT SALES CORP., Rickett Park, Ill.
 MIDWEST AIRWAYS, INC., Box 147, Cudahy, Wis.
 MIDWEST AIRWAYS, Avenger Field, Hangar 3, Sweetwater, Tex.; C.H. Edwards, M. R. Hollister, props.
 MID-WEST AIR TRANSPORT, INC., Muncie Airport, Evansville, Ind.
 MIDWEST AVIATION, Kellogg Field, Hangar 7, Battle Creek, Mich.
 MIDWEST AVIATION FLYING SERVICE, Twin Cities Airport, Benton Harbor, Mich.
 MIDWEST AVIATION SERVICE CO., Box 52, Ottumwa, Ia.
 MIDWEST FLYING SCHOOL, Midwest Airport, 4508 Tarrant Rd., Fort Worth, Tex.
 MIDWESTERN AERO SERVICE, INC., Box 248, Carbondale, Ill.; C. George Seibert, pres.; Cessna 140, Stinson 150; AO—360 miles from base; C.P.
 MIEHLKE AVIATION CO., Manistowish Airport, Manistowish, Mich.
 MIFFLIN COUNTY AIRPORT, INC., Reedsville, Pa.
 MIGUEL, E. EMMETT J., 24 W. 4th St., Emerson, Camerons, Pa.
 MILAN FLYING SERVICE, Muncie Airport, Milan, Tenn.
 MILBANK FLYING SERVICE, Box 494, Milbank, S. D.
 MILESTONE, MARSHALL L., Platte Airport, Platteville, Wis.
 MILFORD FLYING SERVICE, Milford, Utah.
 MILLER AVIATION, West Nyack, N. Y.
 MILLER AVIATION CENTER, Allegheny County Airport, Pittsburgh, Pa.
 MILLER BROS. CHEVROLET CO., INC., Gordon, Neb.
 MILLER FLYING SERVICE, Muncie Airport, Ridgeland, S. C.
 MILLER FLYING SERVICE, Miller Field, North Benton, Ohio.
 MILLER, JAMES M., 611 Lexington St., Plainville, Tex.
 MILLIS-AIR SERVICE, Box 351, Mendon, Mass.
 MILTON SCHOOL OF INSTRUMENT FLIGHT, Milton Airport, Milton, Pa.
 MINOT AIRLINES, INC., Box 1947, Minot, N. D.
 MIRAMON AMPHIBIOUS SERVICE, 1020 St. Anthony St., New Orleans, La.
 MISSION BAY FLYING SERVICE, 4870 Anna St., San Diego, Calif.
 MISSISSIPPI VALLEY AIRCRAFT SERVICE, Fletcher Field, Box 322, Clarkdale, Miss.
 MISSOULA AERIAL SERVICE, P. O. Box 1154, Missoula, Mont.
 MISSOULA AIR SERVICE, INC., Box 2245, Springfield, Ala.
 MOBIL AIR, Box 130, Bonham, Tex.
 MOBRIDGE FLYING SERVICE, Moberly, S. D.
 MODERN AIR SERVICE, 1509 Elm, Hays, Kan.
 MODERN AIR SERVICE, INC., Box 1135, Greeley, Colo.
 MODESTA, ARTHUR F., 2023 N. Shattell Avenue, Oklahoma City, Okla.
 MOHAWK AIRWAYS, INC., Box 177, Mason City, Iowa.
 MOHAWK VALLEY AVIATION, INC., Harriman Airport, North Adams, Mass.; G. A. West, pres.; AO—unlimited; T-50, Cessna 170; C.P.
 MOLINE AIR SERVICE, Moline Airport, Moline, Ill.
 MONROE AIRPARK, 312 McKinley Ave., Monroe, La.
 MONROE & WATSON, INC., Route 4, Box 874, San Antonio, Tex.
 MONTANA SKYWAYS, INC., Box 774, Helena, Mont.; Paul D. Choquette, pres.; PA-12, PT-26, T-50, Navion, 3 Cubs (PA-12, PT-26, T-50, 3 Cubs); AO—Helena & White Sulphur Springs, Mont.; C.P.
 MONTANA AVIATION SERVICE, Montevideo, Minn.; Glenn Mason, prop.; Station Wagon, Aerocar, 2 Taylorcraft; AO—X-1; C.P.
 MONTE VISTA FLYING SERVICE, Monte Vista, Colo.; Leroy A. Knowles, mgr.; Stinson 165; AO—U. S.; P.
 MONTGOMERY, P. A., Box 1313, Grand Forks, N. D.
 MONTGOMERY AVIATION CORP., P. O. Box 92, Montgomery, Ala.
 MONTICELLO, Sullivan County Airport, Monticello, N. Y.
 MONTICELLO FLYING SERVICE, Monticello, Ark.
 MONTVALE AVIATION SERVICE, Box 123, Montvale, Va.; E. Edward Grinnett, mgr.; Taylorcraft, Waco; AO—U. S.; P.
 MOODY AIRPORT, Dalton City, Ill.
 MOORE & SONS, A. L., 333 W. Adams St., Phoenix, Ariz.; A. Lee Moore, pres.; AO—U. S.; AT-11; P.
 MOORE AVIATION SCHOOL, Pinellas Airport, St. Petersburg, Fla.
 MOORE, JAMES N., Box 193, Crane, Tex.
 MOORE, TIMOTHY B., 915 Donald St., Klamath Falls, Ore.
 MOREY AIRPLANE CO., Middletown, Wis.; Howard A. Morey, prop.
 MORGAN FLYING SERVICE, INC., Muncie Airport, Springfield, Mo.
 MORIARTY FLYING SERVICE, Ogdensburg, Wis.
 MORITZ FLYING SERVICE, Sharon Spgs., Kan.
 MORRIS FLYING SERVICE, Box 1837, Kerrville, Tex.
 MORRISON AERONCA SALES, Box 292, Kings Mt., N. C.
 MORRISON FLYING SERVICE, Muncie Airport, Helena, Mont.
 MORRISTOWN AIRPORT CORP., 28 Park Pl., Morristown, N. J.
 MORRISTOWN FLYING SERVICE, INC., Morristown, Tenn.
 MOSER, BRADFORD P., Box 548, Shelby, N. C.
 MOSES LAKE AIR SERVICE, Box 645, Moses Lake, Washington.
 MOUNTAIN BAY AIRPARK, Paupack, Pa.; Carl L. Walter, Edwin H. Gamble, props.
 MOUNTAIN STATES AVIATION, INC., Hangar 2, Stapleton Airfield, Denver, Colo.
 MOUNTAINEER CORP., THE, Box 382, Clarksburg, W. Va.
 MT. HOLYOKE SCHOOL OF AERONAUTICS, Perry St., South Hadley, Mass.
 MT. MCKINLEY AIRWAYS, Box 2498, Anchorage, Alaska.
 MT. UNION AVIATION CORP., Mount Union, Pa.
 MT. VERNON FLYING SERVICE, INC., Mt. Vernon Airport, Mt. Vernon, Ill.
 MOWERS FLYING SERVICE, Muncie Airport, Wahop, Neb.
 MOYER FLYING SERVICE, Box 396, Killen, Tex.; L. L. Moyer, prop.
 MUNCIE AVIATION CORPORATION, Muncie Airport, Muncie, Ind.
 MUNN AVIATION CORP., Kiester Field, Bloomington, Ind.
 MURKIE AIR CHARTER SERVICE, 210 Post St., San Francisco 8, Calif.
 MURFREESBORO FLYING SERVICE, Box 369, Murfreesboro, Tenn.

UNITED STATES IRREGULAR CARRIERS—Continued

MURRAY-MacROBBIE COMPANY, Del Mar Airport, Del Mar, Calif. Wm. E. Murray, pres.; D-185, Noorduyn, Stinson, Lodestar (Stinson); AO-U. S., Mexico; C-P-A.
MUSCATINE FLYING SERVICE, P. O. Box 337, Muscatine, Ia.
MUSKOGEE AIRCRAFT SERVICE, County Airport, Muskogee, Mich.
MUSKOGEE AIR SERVICE, Box 195, Muskogee, Okla.; M. U. Mingus, pres.; 2 Cessna 120s, Cessna 170; AO-U. S.; C-P.
MUSTANG AVIATION, INC., Box 348 SMU, Dallas 9, Tex.
MYERS AIRCRAFT SALES, Idaho, Okla.
MYERS FLYING SERVICE, Reynolds Field, Jackson, Mich.
MYERS, EXCAL A. F. O. Box 669, El Dorado, Kan.
MYERS, INC., GEO. M., Box 669, El Dorado, Kan.

N

NAAS AIR SERVICE, Box 281 A, Route 1, Hopkins, Minn.
NAN BAR FACILITIES, Nan Bar Airport, Flat Rock, Mich.
NANTUCKET FLYING SERVICE, Box 66, Nantucket, Mass.
NARRAGANSETT AIRWAYS, Munic. Airport, New Bedford, Mass.
NASH FLYING SERVICE, Fox Field, Chapin, Ill.
NASHUA AVIATION AND SUPPLY CO., INC., Boire Field, Nashua, N. H.
NASHVILLE FLYING SERVICE, Berry Field, Nashville, Tenn.
NATIONAL AIR TRANSPORT CO., 1925 Hoover Rd., Detroit.
NATIONAL AVIATION CORPORATION, Telegraph & Alexis Bld., National City, Toledo 12, Ohio.
NEBRASKA FLYING SERVICE, Munic. Airport, P. O. Box 402, Grand Island, Neb.; J. P. McWilliams, W. B. Gramke, props.; UC-78, Cessna 120, Cessna 170, 2 Cessna 140s (Cessna 195); AO-U. S.; C-P.
NEEDLES FLYING SERVICE, P. O. Box "E", Needles, Calif.
NEELY, OSBORN BINGHAM, P. O. Box 665, Monahans, Texas.
NEGUS AIRLINE, Negus Field, Alexander, Ill.
NELSON FLYING SERVICE, A. V., Box 414, Brookings, S. D.
NELSON FLYING SERVICE, Foster, Minn.
NELSON-RYAN FLIGHT SERVICE, INC., Box 3072, Linden Hall Station, Minneapolis.
NELSON-WAGNER FLYING SERV., Municipal Airport, Joliet, Ill.
NEMETH-WINTERS, E. Washington St., St. Louis, Mich.
NERVINO AERO SERVICE, P. O. Box 46, Beckworth, Calif.
NEW BEDFORD AVIATION, INC., Box 173, Dartmouth, Mass.
NEW BERN AVIATION CO., Box 151, New Bern, N. C.
NEW ENGLAND AVIATION, INC., Metropolitan Airport, Palmer, Mass.
NEW HANOVER AIRPORT, R. D. No. 1, Gilbertville, Pa.
NEW LONDON FLYING SERVICE, Waterford Airport, New London, Conn.
NEW MEXICO AEROMOTIVE, 342 No. Alcaraz St., Albuquerque, N. Mex.
NEW ROCKFORD FLYING SERVICE, Municipal Airport, New Rockford, N. D. Orl. R. Ashken.
NEWBURGH SEAPLANE BASE, 140 Front Street, Newburgh, N. Y.
NEWLAND JACK V., Newland Field, 900 W. 8th St., Waco, Tex.
NEWMAN AIRPORT, Box 147, Newman, Ga.
NEWPORT AIR PARK, Middletown, R. I.
NEWPORT FLYING SERVICE, INC., P. O. Box 659, Newport, Vt.
NEWSOM BROS. FLYING SERVICE, Box 435, Poplar Bluff, Mo.
NIAGARA PARAG AERONAUTICAL CORP., Munic. Airport, Niagara Falls, N. Y.; Bill D. Orent, pres.; Reliant, Fairchild, several Aerocas; AO—Eastern N. Y. to Boston, Montreal to North Bay in Canada; C-P-I-Pa.
NIAGARA SEAPLANE SERV., Box 115, N. Tonawanda, N. Y.
NICHOLS FLYING SERVICE, Black Mountain, N. C.
NICOL CHARTER SERVICE, 2117 3rd Avenue S., Great Falls, Mont.
NIEDERHAUSER AIRWAYS, Box 262, Marshalltown, Ia.
NIERTH AERO SERVICES, INC., Bldg. 1, Box 69, Houston, Tex.
NILON FLYING SERVICE, Kistner Field, Bloomington, Ind.; James Robert Nilson, Prop.
NOBLESVILLE FLYING SERVICE, INC., P. O. Box 110, Noblesville, Ind.
NORCROSS FLYING SERVICE, Winstrop, Me.
NORFOLK CAPE CHARLES AIRLINES, INC., Norfolk Municipal Airport, Norfolk, Va.
NORMAN, CLARENCE E. Rte. 5, Zanesville, Ohio.
NORTH AMERICAN FLYING SERV., INC., Little Ferry, N. J.
NORTH ATLANTIC AIRWAYS, INC., Mountain Field, Beverly, Mass.
NORTH CONCHO FIELD, San Angelo, Tex.
NORTH PACIFIC AIRWAYS, P. O. Box 1503, Sacramento, Calif.
NORTH PARK AVIATION CO., Box 273, Walden, Colo.
NORTH STAR AIRWAYS, INC., Municipal Airport, Duluth, Minn.
NORTHEAST AIRMOTIVE CORP., 1000 River Road, Agawam, Mass.
NORTHEAST AIRWAYS, INC., Municipal Airport, Virginia, Minn.
NORTHEAST AVIATION CO., Munic. Airport, Portland, Me.
NORTHEAST AVIATION SERVICE, INC., Box 1291, Monroe, La.
NORTHERN LAKES FLYING SERV., INC., Eagle River, Wis.
NORTHLAND AVIATION, INC., Ashland Mpl. Airport, Ashland, Wis.
NORTELAND FLYING SERVICE, Ray, Minn.; M. J. McCabe, pres.; Norseman (Norseman); AO—Minn.-Can.; C-P.
NORTHWAY FLYING SERVICE, INC., 2244 Morse Rd., Columbus, Ohio.
NORTHWEST AIRPORT, Cleburne, Tex.
NORTHWEST AVIATION SALES, INC., Troutdale Airport, Troutdale, Ore.
NORTHWEST FLYING SERVICE, Box 1834, Boise, Ida.
NORTHWEST FLYING SERV., Munic. N. D.
NORTON FLYING SERVICE, Box 248, Omaha, Neb.
NORTON SCHOOL OF AVIATION, Norton, Va.
NORVAIR AVIATION CORP., Munic. Airport, Norfolk, Va.
NYCE FLYING SERVICE, Box 385, Pottstown, Pa.

O

O & N AIRWAYS, INC., Box 1112, Chadron, Neb.
OAKLEY BROTHERS FLYING SERVICE, Box 719, Topeka, Kan.
O'BAUGH FLYING SERV., Pocomtux, Ark.
OBERLIN FLYING SERVICE, Box 31, Oberlin, Kan.
O'BRIEN, JAMES P., Stormville, N. Y.
OCEAN VIEW AIRWAYS, P. O. Box 93, Beaufort, N. C.
OCRACOCKE-MANTO TRANS. CO., INC., P. O. Box 794, Mantoloking, N. C.
ODOM AVIATION CORP., Teterboro Air Terminal, Teterboro, N. J.
OELWEIN AIR SERVICE, Box 248, Oelwein, Iowa; Earl E. DeBruya, E. F. Boat, A. C. Boat, props.
ODGEN FLYING SERV., INC., P. O. Box 264, Ogden, Utah.

OHIO VALLEY AVIATION SERVICE, P. O. Box 451, Metropolis, Ill.
OILWELL KARRIERS, 7677 Molins, Houston, Tex.
OKEFENOKEE FLYING SERV., P. O. Box 295, Waycross, Ga.
OLD COLONY AVIATION, INC., Vineyard Haven, Mass.
OMAHA AIRCRAFT CO., INC., Munic. Airport, Omaha, Neb.
OMAHA STANDARD INC., 2411 W. Broadway, Council Bluffs, Ia.
ONAL AIR TRANSPORT, 120 East End Ave., N. Y., N. Y.
ONEAL AVIATION CORP., O'Neal Airport, Vincennes, Ind.
ONG AIRCRAFT CORP., Box 214, Kansas City, Mo.
ONTARIO AVIATION CO., Box 447, Ontario, Ore.
OPELOUSAS AVIATION CORP., St. Landry Parish Airport, Opelousas.
ORANGE COUNTY AIRPORT, INC., Orange, Va.
OREGON AIRCRAFT SERVICE, Box 752, Klamath Falls, Ore.; Allen Macabee, prop.
ORR FLYING SERVICE, Modisett Airport, Rushville, Neb.; Leo R. Orr, prop.; FA-12, J3; AO-U. S.; C-P.
OSAGE AVIATION ENTERPRISES, Commercial Airport, Box 1528, Bartlesville, Okla.
OSBORNE AIR SERVICE, Osburn, Kan.
OSKALOOSA AIRWAYS, INC., Box 292, Oskaloosa, Iowa.
OSTRANDER, JOHN, Gowanda Airport, Gowanda, N. Y.
OTTAWA FLYING SERVICE, R. F. D. 2, Ottawa, Ill.
OWENS AERONAUTICAL SERVICE, JOHN T., Columbus Airport, Columbus, Ind.
OWENSBORO AVIATION, Box 453, Owensboro, Ky.; Lyman S. Cox, Jr., prop.
OXNARD FLYING SCHOOL, Box 125, Oxnard, Calif.
OZARK AIRWAYS, Box 229, Marshall, Mo.

P

P & B FLYING SERVICE, Box 2188, Pensacola, Fla.
P & H FLYING SERVICE, Box 272-A, Rte 2, Lancaster, Calif.
P. & M. FLYING SERVICE, Mountain View Airport, Dalton, Ga.
P.E.R. AIRWAYS, INC., Margaretville Airport, Margaretville, N. Y.; C. V. Van Kester, pres.; Stinson 150, Taylorcraft, Aerocraft; AO-U. S.; P.
P.T. AIR SERVICE, INC., Munic. Airport, Hays, Kan.; Dune R. Pratt, pres.; Navajo; AO-U. S.; C-P.
PACIFIC AIR ACTIVITIES CORP., Munic. Airport, Oakland, Calif.
PACIFIC AIRCRAFT CORP., Box 828, Eugene, Ore.
PACIFIC AIRLINES, 900 W. 42nd St., San Bernardino, Calif.
PACIFIC AIRWAYS, Box A, North Bend, Ore.
PAGE AIRWAYS, INC., Rochester Airport, Scottsville Rd., Rochester 11, N. Y.
PAGE AVIATION SERVICE, Box 535, Oklahoma City, Okla.
PALM BEACH AERO CORP., Box A, Lantana, Fla.
PALMER BOPIER, Box 222, Great Falls, Mont.
PAMPA FLYING SERVICE, Box 276, Pampa, Tex.
PACKARD AIR ACTIVITIES, I. V., Municipal Airport, Hastings, Neb.
PALM SPRINGS AIRPORT CORP., Box W, Palm Springs, Calif.
PANA AIRPORT, Panama, Ill.
PANAMA AIRWAYS, INC., P. O. Box 358, Panama City, Fla.
PAN-MARYLAND AIRWAYS, INC., Friendship Airport, Baltimore, Md.
PARHAM AIR SERVICE, Box 541, Monahans, Tex.; Opal J. Farham, prop. N. C.
PARIS FLYING SCHOOL, Box 123, Paris, Ark.
PARKER AIR SERVICE, Box 1091, Fort Arthur, Tex.
PARK REGION AVIATION, INC., Fergus Falls, Minn.
PARKER FIELD, Rte 1, Marietta, Ga.
PARKER FLYING SERVICE, Parker, S. D.; John Marquardt, pres.; S.E.L. 3 Aerocraft (S.E.L.); AO—Midwest; C-P.
PARKER'S AIRPORT, Eagle Springs, N. C.
PARKINSON FLYING SERVICE, Pasco Airport, Pasco, Wash.; H. W. Parkinson.
PARR AIR SERVICES, 2636 N. Hutchinson St., Phila., Pa.
PARROTT FLYING SERVICE, County Airport, Muskegon, Mich.
PATCO AIR SERVICE, INC., Patco Airport, Conshohocken, Pa.
PATHFINDER FLYING SERVICE, LTD., Box 1442, Stockton, Calif.
PATECELL, THEODORE C., 70 Spinney Hill Drive, Great Neck, N. Y.
PATTERSON HEIGHTS FLYING SERVICE, Patterson Heights, N. Y.; Beaver Falls, Pa.
PATTISON, P. N., East River Road, Grand Island, N. Y.
PAYSON FLYING SERVICE, P. O. Box 1, Payson, Ariz.
PECOS COUNTY AIRWAYS, Fort Stockton, Tex.; P. E. Lucas, prop. N. C.
PEEBLY FLYING SERVICE, Box 231, Seminole, Okla.
PELICAN AVIATION CORP., P. O. Box 191, New Iberia, La.
PELLA AIRWAYS, Airport, Pella, Iowa.
PELLING, MATTHEW E., Albert Whitted Airport, St. Petersburg, Fla.
PENNINGTON FLYING SERVICE, Kern Cr. Airport, Bakersfield, Calif.; Roy H. Pemberton, pres.; FT-19, Crusier, 2 Chiefs, 4 Champions; AO—K; C-P-I-Pa.
PEMBROKE AIR PARK, INC., Rte 5, Corra, N. Y.
PENCE AIRWAYS, Box 55, Pence Springs, W. Va.
PENDLETON COUNTY FLYING SERV., Route 31, Falmouth, Ky.
PENINSULA AIRPORT, INC., THE, Box E, Wythe Beach, Hampton, Va.; Robert A. Kilpatrick, pres.; Bonanza, Cruiser, 2 Howard DGAs, 20 Ziploc planes, unspecified; AO-U. S.; C-P.
PENINSULA AIRWAYS, Rte 1, Airport, Fort Townsend, Wash.
PENINSULAR AIRWAY SERV., INC., Box 388, Fort Clinton, O.
PENINSULA AVIATION CO., Belmont Airport, Belmont, Calif.
PENINSULA SCHOOL OF AERONAUTICS, Box 282, St. Ignace, Mich.; P.I.
PENN AEROMOTIVE, INC., R. D. No. 3, DuBois, Pa.
PENNINGTON FLYING SERVICE, P. O. Box 1426, Wilmington, N. C.
PENN FLYING SERVICE, TOM, Box 307, Perrinton, Tex.
PENN G. E., Gregg County Airport, Longview, Tex.
PENOBSCOTT AVIATION, INC., Brewer Airport, South Brewer, Maine.
PERDUE, JAMES L. E., Cornville, Calif.
PERRY-WARSAW FLYING SERVICE, Box 29-A, Perry, N. Y.; D. Wayne Webber, pres.; Super Cruiser; AO—N. Y., New England; C-P.
PETERS FLYING SERVICE, Coby, Wis.
PETERSEN, WAYNE ROLLEN, 467 Elm St., Tilden, Neb.
PETE'S FLYING SERVICE, P. O. Box 131, Showlow, Ariz.
PETRAS MILAN J., 17 Marion St., Johnson City, N. Y.
PHELPS AERO, 5761 Oliver Ave., Minneapolis, Minn.
PHILADELPHIA AIR TRANSPORT CO., International Bldg., SW Airport, Phila.
PHILADELPHIA SEAPLANE BASE, Eastington, Pa.; Frank Mills, prop.; Aerocraft, Seabee 3, Waco; AO—U. S.; C-P.
PHILADELPHIA SKY FORT, Pier 3, S. Delaware Ave., Phila.; W. H. Nicolai, Jr., prop.

UNITED STATES IRREGULAR CARRIERS—Continued

PHILLIPS, J. T. Phillipsburg Airport, Phillipsburg, N. J.
 PHILomena CORP. Teterboro, N. J.; Teterboro, N. J.
 PHOENIXVILLE FLYING SERV., R.D. #1, Phoenixville, Pa.
 PIACITELLI, JAMES S., Box 614, Norristown, Pa.
 PIERCE AVIATION CO., Smith Field, Ft. Wayne, Ind.; Fred J. Bunyan, prop.; Stinson, Cruiser, J-1; AO-U. S., Mexico, Canada; C-P.
 PIERCE FLYING SERVICE, Humbleldt, Cy. Airport, Eureka, Calif.; Lester L. Pierce, prop.; UC-78, Waco, Cosma 120 (Cosma 170); AO-U. S., Mexico, Canada; C-P.
 PIERCE FLYING SERVICE, Plymouth Airport, Plymouth, Ind.
 PIERCY FLYING SERVICE, Piercy Field, Medford, Ore.
 PIERSON, LEWIS, 805 Minnema, Claremont, Calif.
 PIKES PEAK AIR SERVICE, INC., Nicholia Field, Colorado Springs, Colo.
 PILKENTON, ERNEST W., Rte 1, Box 6033, Stinson Field, San Antonio, Tex.
 PIONEER AVIATION, INC., Muncie Airport, Elcanaba, Mich.
 PIONEER VALLEY AIRCRAFT, INC., 374 Main St., Sufield, Conn.
 PIONEER VALLEY AVIATION, P. O. Box 48, Municipal Airport, Orange, Mass.
 PITCAIRN, STEPHEN, Bryd Athyn, Pa.
 PITTMAN FLYING SERVICE, Box 7, McRae, Ga.
 PITTSBURGH FLYING SERVICE, Box 442, Pittsburgh, Kan.
 PLACER FLYING SERVICE, INC., Box 568, Auburn, Calif.
 PLAINS AIR SERVICE, Hector, Minn.
 PLAINS AIRWAYS, INC., Box 299, Cheyenne, Wyo.
 PLAINS FLYING SERVICE, Box 1637, Amarillo, Tex.
 PLANTATION, LINDSEY, INC., Box 35, Miles Collier, pres.; Cosma 140, UC-78, Culver, W. Beech 35; AO-U. S.; C-P.
 PLAYGROUND SEAPLANE CENTER, Box 64, Fort Walton, Fla.
 PLEASURE CRAFTS, INC., P. O. Box 19, Savannah, Ga.
 PLUM CREEK FLYING SCHOOL & SERVICE, Box 326, Lexington, Neb.
 PLUM ISLAND FLYING SERVICE, INC., Box 310, Newburyport, Mass.
 POCATELLO FLYING SERVICE, INC., Box 1337, Pocatello, Ida. John L. McConnell, pres.; Stinson 108-2, Super Cruiser; AO-U. S.; C-P.
 POINT PLEASANT SEAPLANE BASE, 69 Ave. C, Point Pleasant, N. Y.
 POLLINGER, JACK, 712 Atlantic Ave., Ft. Pierce, Fla.
 POLLITT AIRCRAFT, Municipal Airport, Council Bluffs, Ia.
 POLLOCK, RAY, 1000 E. 1st, Gallatin, Wis.
 PONTIAC FLYING SERVICE, Walters Airport, Pontiac, Ill.; N. E. Walters, prop.
 PORT ERIE AIRPORT, Erie, Pa.; Gerald W. Richardson, prop.
 PORTER, HARRY, Lovell Field, Kansas, Tex.
 PORTLAND FLYING SERVICE, INC., Box 32, Portland, Tex.
 PORTLAND FLYING SERVICE, INC., Muncie Airport, Portland, Me.; Harold F. Tronzo, pres.; Fairchild F-24W, Stinson 10A, Stinson Wings, 1 Aerona Superchall, AO—New England; C-P.
 POST MILLS FLYING SERVICE, INC., Box 21, Post Mills, Vt.
 POTTAWATOMIE FLYING SERVICE, INC., Manhattan, Kan.
 POTTER, HARRY W., Box 1044, Muncie Airport, Bismarck, N. D.
 POUGHKEEPSIE AVIATION SERV., Dutchess County Airport, New Paltz, N. Y.
 POWELL BROS. FLYING SCHOOL, Muncie Airport, Danville, Ill.; Robert Powell, pres.; Stinson, Cosma, Cub; AO—unlimited; C-P.
 PRAIRIE AIRWAYS, Muncie Airport, Omaha & Lincoln, Neb.; C. I. Abbott, pres.; Stinson SR-10; 2 Cosmas; 3 UC-78s, 5 Cruisers; AO-U. S.; C-P.
 PRATTSVILLE FLYING SERVICE, Prattville, N. Y.
 PRENTICE AIRCRAFT SALES & SERVICE, City Airport, Adrian, Mich.
 PRESCOTT AVIATION, P. O. Box 1947, Prescott, Ariz.
 PRESCOTT FLYING SERV., 1529 North Lee, Altus, Okla.
 PREWITT AIRCRAFT SALES CO., Mitchell Hanger, New Orleans, La.
 PRIESTER AVIATION, R. E. R. Airport, Philadelphia, Wis.
 PRIESTER AVIATION SERVICE, GEORGE J., Box 203, Fairview Airport, Wheeling, Ill.; George J. Priester, prop.; D 175 Beechcraft (D 175 Beechcraft); AO-U. S.; P.
 PRINCE AVIATION CO., Box 1888, Tampa, Fla.
 PROBERT-DEVINE AVIATION CORP., 15930 Pierce St., Pacoima, Calif.; Andy Devine, pres.; UC-78, Voyager; AO-U. S.; P.
 PROSPER FLYING SERVICE, Prosper Airport, Tinsley Park, Ill.
 PROVINCETOWN AIR SERVICE, P. O. Box 32, Provincetown, Mass.
 PROVO FLYING SERVICE, Box 144, Provo, Utah.
 PUEBLO AIR SERVICE, INC., Muncie Airport, Pueblo, Colo.; Stinson 108, Stinson SR-4, UC-78, 3 FA-12s; AO-U. S.; C-P.
 PUGET SOUND AIR SERVICE, Rte. 3, Box 570, Belfer, Wash.
 PULASKI AVIATION SERVICE, Box 953, Pulaski, Va.
 PULLEY FLYING SERVICE, 203 E. North St., Arlington, Tex.
 PURDUE AERONAUTICS CORP., West Lafayette, Ind.; Grove Webster, mgr.; 2 AT-11s, 2 Stinson 190s; AO—Midwest; C-P.

Q

QUEEN CITY FLYING SERVICE, INC., Hanger 3, Lunken Airport, Cincinnati.
 QUINCY AVIATION, INC., Muncie Airport, Quincy, Ill.
 QUINCY FLYING SERVICE, 4015 N. 12th St., Quincy, Ill.

R

RACINE FLYING SERVICE, INC., Harlick Racine Airport, Racine, Wis.
 RADER FLYING SERVICE, Glenwood Springs, Colo.
 RADFORD AVIATION CORP., Radford, Va.
 RAGSDALE FLYING SERVICE, Rte. 1, Box 370, Austin, Tex.
 RAGSDALE AIRMOTIVE, Box 227, Childers, Tex.; James E. Ragdale, pres.; Cruiser, Swift, Stinson 150, Ercoupe; AO-Tex. & adjoining states; C-P.
 RALEY, MARTIN R. and R. J. HILGER, Glendive, Mont.
 RALEIGH-DURHAM FLIGHT SERVICE, INC., Box 544, Durham, N. C.
 RANCAERO AIRPORT, Box 611, Chico, Calif.; John F. Miller, pres.; Cub, Taylorcraft, PT-26, 2 Stinsons, 4 Luscombs, 4 Ercoups; AO—Calif.; C-P-A-J-P-H.
 RANGE AIRWAYS, INC., Sheridan, Wyo.
 RANGE FLYING SERV., Inc., Box 161, Hibbing, Minn.
 RANGELBY SEAPLANE BASE, Hangeley, Maine.
 RANKIN AVIATION INDUSTRIES, Pearson Air Park, Vancouver, Wash.

RARITAN VALLEY AIRWAYS, Kupper Field, Hillsboro Township, Box 643, Manville, N. J.; Bernard B. Deymann, pres.; Cruiser; AO—U. S.; C-P.
 RAUCH FLYING SCHOOL & SERVICE, INC., Teterboro Air Terminal, Teterboro, N. J.; P-S-I.
 RAVEN ROCK FLYING SERVICE, INC., Raven Rock Airport, Portsmouth, Ohio.
 RAVENSWOOD FLYING SCHOOL, Box 66, Ravenswood, W. Va.
 RAWDON BROS. FLYING SCHOOL, P. O. Box 1115, Wichita, Kan.
 RAY BYLAN SCHOOL OF AERO, INC., Hylan Airport, Hemssetta, N. Y.
 RAY'S FLYING SERVICE, Hanley Field, Musking, Mich.
 RAYMOND AERO-MARINE CO., INC., P. C. Box 2161, Dayton Beach, Fla.
 RAYMOND Aviation Co., P. O. Box 3311, Orlando, Fla.
 READING AVIATION SERVICE, INC., Muncie Airport, Box 1391, Reading, Pa.
 RED BANK AIRPORT, INC., P. O. Box 21, Red Bank, N. J.
 RED DOG AIRWAYS, INC., RFD 1, Cochran, Ga.
 RED'S AIR SERVICE, Omro, Wis.
 REED CO., INC., J. D., Muncie Airport, Hanger F, Houston, Tex.
 REED, INC., DICK, Box 2208, Casper, Wyo.; Richard W. Reed, pres.; 2 Navios (Bauman); AO—Rocky Mt. area; C-P.
 REEDER FLYING SERVICE, Municipal Airport, Twin Falls, Ida.
 REEDY'S AIR SERVICE, Draughon-Miller Airport, Temple, Tex.; Elmer G. Reed, prop.
 REGAN FLYING SERVICE, Box 946, Shawnee, Okla.
 REIFENBERG AVIATION, INC., Hasleten Reifenberg Airport, St. Johns, Pa.
 RELIABLE FLIGHT ACADEMY, 1355 Studebaker Rd., Norwalk, Calif.
 RENNARD, PAUL J., Spahn Memorial Airport, Oil City, Pa.
 RENNER, FRANK, Box 441, Youngsville, Va.
 RENT-A-PLANE, Muncie Airport, Rte. 3, Box 361A, Tulsa, Okla.
 REPUBLIC SEABER, 8 Washington St., Saratoga Springs, N. Y.
 RESCH FLYING SERVICE, Box 73, Monda, Kan.
 RESOR, FLYING SERVICE, INC., Fort Worth, N. Y.
 RETTIG FLYING SERVICE, 430 W. Ave. B, Hope, Ark.; E. L. Rettig, prop.
 REVERE AIRWAYS, INC., 339 Squire Rd., Revere, Mass.; John Goldman, pres.; 20 AC-U. S.; C-P.
 REYNOLDS FLYING SERVICE, Box 542, Zephyrville, Pa.
 REYNOLDS FLYING SERVICE OF DAYTONA BEACH, INC., Muncie Airport, Daytona Beach, Fla.
 RHINELANDER AIRWAYS, Box 14, Rhineclander, Wis.
 RICHLAND AVIATION, Municipal Airport, Mansfield, Ohio; (also Cleveland); R. B. Black, pres.; AO—E. Central U. S.; 4-Navios; C-P.
 RIFE, CHARLES E., Thomaston Airport, Thomaston, Ga.
 RILEY'S FLYING SERVICE, Crosssett, Ark.
 RILEY'S FLYING SERVICE, Monrovia Airport, Monrovia, Calif.
 RIFON AIRWAYS, Box 215, Ripon, Wis.
 RIGBER FLYING SERVICE, Rte. 1, Norfolk, Neb.; Andrew A. Rissner, prop.
 RITCHIE FLYING SERVICE, Meacham Field, Ft. Worth, Tex.; Edwin W. Ritchie, prop.; T-30, Noorduyn UC-64, Stinson SE-4, Heister, Luscombs, PT-26, 3 Luscombs, 3 Cubs; AO-U. S.
 RITNOUR AIR SERVICE, Box 191, Lancaster, Pa.
 RIVERSIDE AIRMOTIVE CO., 4130 Menaca Ave., Riverside, Calif.
 RIVERSIDE FLIGHT ACADEMY, INC., 6730 Kelly St., Riverside, Cal.
 RIVERSIDE FLYING SCHOOL, Box 589, Riverton, Wyo.
 RIVERVIEW FLYING SERVICE, Erwin, N. C.
 ROBBINS SKYWAYS, Muncie Airport, Melbourne, Fla.
 ROBERTS AIRCRAFT, Box 20, Boeing Field, Seattle.
 ROBERTS, THOMAS JAMES, Box 410, W. Yellowstone, Mont.
 ROBERTS, WILSON A., 147 Main St., Williamstown, Mass.; Wilson A. Roberts, pres.; Super Cruiser; AO—unlimited; C-P.
 ROBERTS FLYING SERVICE, Box 1011, Lakeland, Fla.
 ROBERTSON AIR SERVICE, Johnson Ave., Plainville, Conn.
 ROBINSON CHARTER SERVICE, Box 1071, Buffalo, Wyo.; Clair Robinson, pres.
 ROBINSON FLYING SCHOOL, JACK, Meacham Field, Ft. Worth, Tex.
 ROBINSON FLYING SERVICE, Robinson Airport, Plant City, Fla.
 ROBINSON, JOE, Springdale, Ark.
 ROCCO AVIATION, INC., Municipal Airport, Pueblo, Colo.
 ROCHELLE AIRPORT, INC., P. F. D. 3, Rochelle, Ill.; George Robinson, pres.; AO-U. S.; C-P.
 ROCHESTER AERONAUT CORP., Rochester Airport, Rochester, N. Y.
 ROCHESTER FLYING SERVICE, R. R. No. 2, Rochester, Ind.
 ROCKY MOUNT AIR SERVICE, Box 471, Rocky Mount, N. C.
 ROCKY MOUNTAIN AIR SERVICE, Box 381, Rifle, Colo.; Paul H. Lindstrom, pres.; FA-12; AO-U. S.; C-P.
 ROCKY MOUNTAIN AIR SERVICE, Cody, Wyo.; L. J. Siddle, pres.; Beechcraft 140, Cosma 140 (Beechcraft 35, Cosma 170); AO-U. S.; C-P.
 ROGERS AIR SERVICE, Box 65, Marlin, Tex.
 ROGERS FLYING SERVICE, Box 349, Rogers, Ark.
 ROHN FLYING SERVICE, Muncie Airport, Peoria, Ill.; Dwight Rohlf, pres.; Cosma 120, Cosma 140, Twin Cosma, Stinson 165, Beechcraft 35; AO-U. S.; C-P.
 ROLFS FLYING SERVICE, Towson, N. D.; Elgar Rolfs, pres.; Cub, Cosma 120; AO—Dakota area; C-P.
 ROMER, JAMES C., Romer Airport, Holly, Colo.
 ROOSEVELT FIELD, INC., Mineola, L. I., N. Y.
 RORER, HENRY ERNEST, JR., RFD No. 1, Crews, Va.
 ROSCOE CHARTER SERVICE, Box 455, Salina, Kans.; Fred L. Roscoe, pres.; AO-U. S.; 2 Cosma 170s; C-P.
 ROSING, H. J., 306 Highway Road, Middletown, Ohio.
 ROSKAY, LELAND C., Rt. 1, Niles, Mich.
 ROSS AIRLINE, Ross Airport, St. Louis, Mo.; W. W. Ross, pres.; 4 Cosma 120s, 4 Cosma 140s, Cosma 150, L-5 Stinson; AO-U. S.; C-P.
 ROSS AVIATION CORP., 7700 N. Broadway, St. Louis, Mo.
 ROSS FLYING SERVICE, Box 812, Grand Island, Neb.
 ROSEBELL FLYING SERVICE, INC., Box 6764, Roswell, N. M.
 ROUNDUP AIRCRAFT, Box 174, Roundup, Mont.
 ROUNDY & HOLMES SKYWAYS, Box 548, Burley, Idaho.
 ROY FLYING SERVICE, Stoy, N. M.; James L. Yabrough, prop.
 ROY FLYING SERVICE, INC., Malaga, N. Y.
 ROYAL PALM FLYING SERVICE, INC., Fort Myers, Fla.
 RUGBY FLYING SERVICE, Rugby, N. D.
 RUPERT FLYING SERVICE, Rte. 1, Box 14, Beaverton, Ore.

RUSHMORE FLYING SERVICE, Rapid City, S. D.; Ralph Letellier, prop.; Almaster, 2 Ecouper (2 4-place Ecouper); AO—U. S.; C-P-I-E.
 RUSSELL FIELD, Rte. 3, Box 186, Ft. Worth, Tex.; E. F. Russell, prop.; Stinson, 2 UC-78s, 2 Taylorcraft, 2 Stearman, 3 Cubs; AO—Southwest, C-P.
 RUTLAND AVIATION SCHOOL, Rutland Airport, Rutland, Vt.
 RUTLEDGE FLYING SERVICE, Ashland Airport, Ashland, Ky.
 RUZICKA FLYING SERVICE, Ruzicka Airport, RR4, Kokomo, Ind.

S & M FLYING SERVICE, Box 18, Dallsport, Wash.
 SACRAMENTO SKY RANCH, INC., Rt. 1, Box 1303, Sacramento, Cal.
 SAFE WAY CROP DUSTING & SERVICE CO., Box 227, Paris, Ky.
 SAFEWAY FLYING SCHOOL, INC., Queens Seaplane Base, East River, Ft. of 184th Pl., Whitestone, L. I., N. Y.
 SAFFOLD FIELD, Whitehurst Island, Savannah, Ga.
 SAGINAW AIR SERVICE, Skyhaven Airport, Saginaw, Mich.; John P. Hooper & John H. Lenschwager, props.
 SAGINAW AIRPORT, Box 4078, Ft. Worth, Tex.
 SALEM AIR SERVICE, INC., McNary Field, Salem, Ore.
 SALINAS AIR SERVICE, Box 175, E. Salinas, Calif.
 SALISBURY AIRCRAFT SERVICE, Box 385, Salisbury, N. C.
 SALLADA, AL., Cherry Springs Airport, Coudersport, Pa.
 SAN ANGELO FLIGHT SERVICE, Box 386, San Angelo, Tex.
 SAN ANTONIO AIR CARRIER, 418 Trenton St., San Antonio, Tex.
 SAN ANTONIO AVIATION, Stinson Field, San Antonio, Tex.
 SAN BENITO FLYING SERVICE, Box 1774, San Benito, Tex.
 SANDERS AIRCRAFT SALES, W. CURREY, Box 681, Shreveport, La.
 SANDERS AVIATION, INC., Box 28, Riverdale, Md.
 SANDHILL AIRWAYS, George, Box 100, Riverdale, Md.
 SANDPOINT AIR SERVICE, Box 464, Sandpoint, Ida.
 SANDS POINT SEAPLANE BASE, 15 Orchard Beach Blvd., Fort Washington, N. Y.
 SANFORD AIRPORT CO., Sanford Airport, Sanford, Me.
 SANGER FLYING SERVICE, INC., Box 178, Kelso, Wash.
 SANTA MONICA AIR SERVICE, Muncie Airport, Claver Field, Santa Monica, Calif.; Milton G. Smilgans, prop.
 SARA FLIGHT SERVICE, 18410 Central Ave., Los Angeles
 SAWYER, DAVID R., Silver Ranch, Jaffrey, N. H.
 SAX AVIATION CO., Dickinson, N. D.
 SCENTIC AIRWAYS, Felts Field, Spokane, Wash.
 SCHENKAIRE PARK, INC., Central N. Y. Parker A. Stacy, Jr., pres.; Skyraider; AO—300 miles from base; C-P.
 SCHMIDT, EARL & HELM, Jr., 6-S Ranch Airport, Rt. 1, Box 44, Bangor, Calif.
 SCHNEIDER FLYING SERVICE, Box 712, Seguin, Tex.
 SCHOLZ, EDWARD G., 1824 Highland Ave., Grants Pass, Ore.
 SCHREFFLER, Airport, Phillipsburg, Pa.
 SCHUYLER FLYING SCHOOL, Schuyler Airport, Schuyler, Neb.
 SCOTT AIRCRAFT SALES, INC., Muncie Airport, El Paso, Tex.
 SCOTT FLYING SERVICE, New Orleans Airport, New Orleans, La.
 WILLIS E. SCOTT, P. O. Box 544, Avenal, Calif.; Willis E. Scott, pres.; Howard DGA-15; AO—Calif.; C-P-A.
 SCOTT'S FLYING SERVICE, Greene County Airport, Waynesburg, Pa.
 SEA LAND AIR SERVICE, Box 473, Arkansas Pass, Tex.
 SEA WINGS, INC., Westport, Conn.
 SEAGULL AVIATION, INC., Brigham City, Utah.
 SEAPLANE AIRWAYS, INC., Speculator, N. Y.
 SEARCY FLYING SERVICE, Searcy, Ark.
 SEATTLE SKY RANCH, Issaquah, Wash.
 SELFRIDGE, R. P., Box 431, Muncie Airport, Kansas City, Mo.
 SELMA AIR SERVICE, Dallas Field, Selma, Ala.
 SEMINOLE AIR SERVICE, Oak Airport, Foley, Ala.
 SEMINOLE FLYING SERVICE, Box 414, Tallahassee, Fla.
 SENECA FLYING SERVICE, Muncie Airport, Seneca, Kan.
 SENECA FLYING SERVICE, Box 147, South Side Station, Oil City, Pa.
 SERGEVSKY BORIS, 300 Central Park West, New York, N. Y.
 SERV-AIR, INC., Muncie Airport, Box 1507, Raleigh, N. C.; Truman W. Miller, pres.; T-50, 2 Seabees, 2 Fairchild, Ecouper, 3 J-3s, 4 Taylorcraft; AO—U. S.; C-P.
 SEVDY-SORENSEN AVIATION, INC., Worthington, Minn.
 SEVERSON AIR ACTIVITIES, Box 2162, Cut Bank, Mont.
 SHANKSTER FLYING SERVICE, Box 501, Newcastle, Wyo.
 SHANNON AIRCRAFT, Box 531, Marfa, Tex.
 SHASTA FLYING SERVICE, P. O. Box 517, Fall River Mills, Calif.
 SHAUGHNESSY FLIGHT SYSTEM, 19 Greenacre Rd., Westwood, Mass.

SHAW AIRCRAFT CO., Muncie Airport, Iowa City, Ia.; Paul B. Shaw, prop.; C-17B, Cessna 140 (Cessna 170); AO—unlimited; P.
 SHAWANO AERO ACTIVITIES, RR 3, Box 7A, Shawano, Wis.
 SHAWNEE AVIATION SERVICE, 635 N. Market St., Shawnee, Okla.
 SHAWNEE FLYING SERVICE, Shawnee Rd., RFD 2, North Tarrant, N. Y.
 SHEALY'S FLYING SERVICE, Rte. 1, Newberry, S. C.
 SHEETS FLYING SERVICE, W. H., Box 41, Groveland, Fla.
 SHELLEY FLYING SERVICE, INC., Shelbyville, Ky.
 SHELTON AIR SERVICE, INC., Box 144, Shelton, Wash.
 SHEN-MYER AIRCRAFT, Box 288, Harrisonburg, Va.
 SHERIDAN AIR SERVICE, Box 61, Sheridan, Wyo.
 SHERIDAN FLYING SERVICE, 6650 Sheridan Dr., Williamsville, N. Y.
 SHIELD FLYING SERVICE, Box 440, Neosho, Mo.
 SHORT, PAUL J., 42 W. Scribner Ave., DuBois, Pa.
 SHIREMAN, ERNEST EDMUND, Young's Tourist Court, Madisonville, Ky.
 SHOWALTER CORP., THE, Box 906, Winter Park, Fla.; H. W. Showalter, Jr., pres.; 2 Super Cruisers, T-50, Fairchild 24; AO—U. S.; C-P.
 SHUEY AIR SERVICE, Muncie Airport, Wooster, Ohio.
 SHUMAN SCHOOL OF AERONAUTICS, P. O. Box 1214, Enid, Okla.
 SIEMAS AERO-AIDERS, INC., Box 346, Fremont, Neb.; John T. Siemas, pres.; Cruiser, Cessna 120; AO—Neb. & surrounding states; C-P.
 SILVER CITY FLYING SERVICE, Box 574, Silver City, N. M.
 SILVER CREEK AIRPORT, 45 Ward Ave., Silver Creek, N. Y.; Kenneth A. Ehmke, pres.; Cub (2 Cubs); AO—50 miles from base; C-P.
 SILVER DOLLAR FLYING SERVICE, Rt. 4, Box 66, Seguir, Tex.; Ray Schack, pres.; Aerona, UC-78, PT-18, 4 Cubs; AO—Tex.; C-P.
 SILVER STAR FLYING SERVICE, INC., Frankfort, Ky.
 SILVER STATE FLYING SERVICE, Inc., Box 2452, Reno, Nev.
 SIMECEK, JOSEPH, 19265 Hickory St., Milan, Mich.
 SIMPSON FLYING SCHOOL, 1130 E. Mulkey St., Fort Worth 1, Tex.
 SIMPSON FLYING SERVICE, Philippi, W. Va.; W. L. Simpson, prop.
 SIOUX AIR SERVICE, INC., Municipal Airport, Sioux Falls, S. D.
 SIOUX CITY FLYING SERVICE, INC., Box 1409, Sioux City, Ia.
 SISKIYOU AIRWAYS, Box 186, Montague, Calif.
 SISSETON FLYING SERVICE, Sisseton, S. D.
 SITKA AIRWAYS, Sitka-Coleharbor, N. D.
 SKELTON, LOUISE A., 321 E. Market St., Mercer, Pa.
 SKIDMORE-FLINT & CO., Box 169, Oak Ridge, Tenn.
 SKROCH FLYING SERVICE, 1529 N. Broadway, Fargo, N. D.
 SKY HARBOR, THE, 1000 Westlake N., Seattle; Monte K. Pierr.
 SKY HARBOR AIR SERVICE, P. O. Box 128, Cheyenne, Wyo.
 SKY HARBOR AIRPARK, Box 1089, San Angelo, Tex.
 SKY HARBOR AIRWAYS, INC., Muncie Airport, Niagara Falls, N. Y.; Joe J. Stock, pres.; Twin Cessna, single-engine Cessna, Stinson, 3 Cubs; AO—U. S. & Canada; P-I.
 SKY HARBOR FLYING SERVICE, Lewiston-Auburn Airport, Auburn, Me.
 SKY PARK OF CHILLICOTHE, OHIO, RR No. 1, Chillicothe, O.
 SKY SERVICE CORP., Muncie Airport, Evansville, Ind.; Ellis A. Carson, pres.; 2 Norsemen, 2 Aerona, Cessna T-50, Station Wagon, Cessna 195, Cessna 120; AO—Middle West, South; C-P.
 SKY SERVICE CORP., Stop 12, Petersburg Pike, Richmond, Va.; R. Pinkney Bowers, pres.; Catal Cruiser, Norseman, 7 Champneys; AO—Richmond area; C-P-S.
 SKY SERVICE, INC., 711 S. State St., Ann Arbor, Mich.; G. M. Dixon, pres.; Bonanza (2 Bonanzas); AO—U. S.; C-P.
 SKY TOURS, 121 E. Pikes Peak Ave., Colorado Springs, Colo.
 SKY TRANSPORTATION CO., P. O. Box 1482, Yakima, Wash.
 SKY TRAVEL, INC., Municipal Airport, Cleveland, O.
 SKY TRAVEL, INC., Muncie Airport, Houston, Tex.
 SKYCRAFT ENTERPRISES, INC., Box 4927, Houston, Tex.
 SKYCRAFT, INC., 1953 50th Place N., Birmingham, Ala.
 SKYCRAFT SCHOOL OF AVIATION, Muncie Airport, Birmingham, Ala.
 SKYGO, INC., 2415 Hubbard Rd., Youngstown, Ohio.
 SKYHAVEN INC., Box 42, Lakeport, N. H.
 SKYLANES EXPRESS, INC., Box 1123, Macon, Ga.
 SKYLIFE, INC., Rt. 7, Box 1668, Portland, Ore.; Don Plympton, pres.; 6 Finks, UC-C-P; AO—Pacific NW; C-P. Cargo not exceeding 60 lbs.
 SKYLINE AIR CHARTER, 113 "B" Bayshore Ave., Long Beach, Cal.
 SKYLINE AIR TRANSPORT, INC., Box 251, S. Meriden, Conn.
 SKYLINE AIRWAYS, INC., Box 5646, Biltmore, N. C.
 SKYLINE AVIATION SERVICE, Warren County Airport, Glens Falls, N. Y.
 SKYLINES, INC., Drawer 371, Ashboro, N. C.
 SKYMOTIV, INC., 6471 Anaheim-Telegraph Rd., Los Angeles 22; Clarence Bergen, mgr.; Navion; AO—Western States; CP.
 SKYMOTIVE SALES, INC., Box 595, Park Ridge, Ill.



A clearing house for customs brokers and foreign freight forwarders

IS YOUR BROKER
A MEMBER?

11 Broadway, New York 4, N. Y.

HAnover 2-2376

AIR CLEARANCE ASSOCIATION, INC.

International air freight specialists

Customs Brokers — Foreign Freight Forwarders

A cooperative organization serving recognized customs brokers, foreign freight forwarders and airlines.

Agents for all principal airlines

MAIN OFFICES

120-28 131st St., S. Ozone Park, N. Y.

JAMAnet 9-4494

P. O. Box 47, LaGuardia Airport

NEwYork 9-4499-4673

SKYPARK, Rt. 3, Box 150, Oregon City, Ore.
 SKYSERVICE INC., Linden Airport, Linden, N. J.
 SKYTECH, INC., Municipal Airport, Cleveland, O.
 SKYWAY AIR SERVICE, INC., Newell, S. D.; C. W. Fiegen, pres.; Fairchild 24, 2 Cessna (Cessna 170); AO—Midwest; P.
 SKYWAY ASSOCIATES, Box 1348, Bakersfield, Calif.
 SKYWAY FLYING SERVICE, Box 2005, Great Falls, Mont.
 SKYWAY SCENIC SERVICE, 1286 S. 17th East, Salt Lake City.
 SKYWAY AIR SERVICE, Regional Airfield, Battle Creek, Mich.; W. K. Kellogg, Prop.
 SKYWAYS AVIATION CO., INC., 1800 S. Western, Okla. City, Okla.
 SKYWAYS, INC., Municipal Airport, Norfolk, Neb.
 SKYWAYS, INC., Box 178, Vandellia, Ohio.
 SKYWAYS, INC., Box 652, La Crosse, Wis.
 SKYWAYS SCHOOL OF AVIATION, Portland-Trousdale Airport, Portland, Ore.
 SMITH AEROMOTIVE SERVICE, Hillsboro, Ill.
 SMITH AIRCRAFT, FRED, Munic. Airport, El Paso, Tex.
 SMITH & JONES FLYING SERVICE, Dewitt, Ark.
 SMITH & SCHNEIDER FLYING SERVICE, Box 247, Marlow, Okla.
 SMITH AVIATION, Rt. 4, Box 210, Kent, Wash.
 SMITH FLYING SERVICE, Piercestown, Ark.
 SMITH FLYING SERVICE, Jamestown, N. D.
 SMITH FLYING SERVICE, Box 225, Lampasas, Tex.
 SMITH FLYING SERVICE, Wilkes-Barre Wyoming Airport, Forty-Fort, Pa.; K. Russell Smith, pres.; AO—U. S.; Cruiser, Cessna 140, Cessna 195, T-50 (Cessna 170); C-P.
 SMITH, JACK, Felton Field, Cartersville, Ga.
 SMITH-LIVINGSTON AIR SERVICE, INC., Box 531, Corvallis, Ore.
 SMITHPORT, INC., P. O. Box 156, Utica, N. Y.
 SMYER AIRCRAFT CO., Box 453, Arkansas City, Kan.
 SLYER AIRCRAFT SALES & SERVICE, Box 938, Municipal Airport, Ponca City, Okla.
 SMYRNA BEACH AERO SERVICE, INC., Box 98, New Smyrna Beach, Fla.
 SNYDER AVIATION, INC., Barrington, N. J.
 SNYDER ROBERTSON FLYING SERVICE, Box 78, Ottawa, Kan.
 SNYDER, ROY E., Ainsworth, Neb.
 SNYDER, STANLEY W., Charter & Air Taxi Service, 1 Hillside Ave., Great Neck, N. Y.
 SOLOMON VALLEY AIR SERVICE, Munic. Airport, Hill City, Kan.; Clair E. & Edna H. Walts, props.
 SOMER-VOLZKE FLYING SERVICE, Sky Village Airport, Utica, Neb.
 SOMERSET AIR SERVICE, INC., Box 46, Badminton, N. J.; Samuel Friedman, pres.; Bonanza, Cessna 140, AT-6, Cub Coupe; AO—U. S.; C-P.
 SONORA AIRWAYS, Box 592, Sonora, Calif.
 BOO AIRCRAFT SERVICE, INC., Harington, Kan.
 SOULA AIR SERVICE, Box 444, Brewton, Ala.
 SOUL FLYING SERVICE, BOB, Box 588, Gulfport, Miss.
 SOUTH BEND FLYING SERVICE, INC., Chain Lakes Airport, South Bend, Ind.; Warren Oliver, pres.; AO—Midwest; 2 light planes; C-P-1.
 SOUTH-CENTRAL AIRLINES, 1061 Chambliss Rd., Whitehaven, Tenn.
 SOUTH DAKOTA AIRWAYS, Box 602, Yankton, S. D.; Alan R. Sparrowhawk, pres.; AO—U. S.; Station Wagon, Cessna 140 (Bonanza); C-P.
 SOUTH EAST AIRLINES, INC., Douglas Airport, Charlotte, N. C.
 SOUTH FLORIDA FLYING SERVICE, Box 957, Homestead, Fla.; W. O. Van Tien, prop.
 SOUTH GEORGIA FLYING SERVICE, INC., Box 883, Valdosta, Ga.
 SOUTH HAVEN AIR SERVICE, Munic. Airport, South Haven, Mich.
 SOUTH TEXAS AIR ROUTES, Box 1476, Corpus Christi, Tex.
 SOUTHBIDGE SKY PARK, INC., Southbridge, Mass.; C. Stanley Knight, pres.; Vought, Cessna 140, 2 Cessna 120s, 2 Champions; AO—500 miles from base; P.
 SOUTHEAST AIR EXPRESS, Box 6418, Jacksonville, Fla.
 SOUTHEASTERN AIR SERVICE, INC., P. O. Box 712, Atlanta, Ga.
 SOUTHEASTERN OHIO AIR SERVICE, INC., P. O. Box 863, Zanesville, O.
 SOUTHERN AERO ENGINEERING, Box 1177, Orlando, Fla.; W. W. Steers, pres.; T-50, 2 Taylorcraft BC12D; AO—Southern & Eastern U. S.; C-P.
 SOUTHERN AIR SERVICES, P. O. Box 290, Memphis, Tenn.
 SOUTHERN AIR TRANSIT, 351 E. 4th Ave., Apt. N-1, Hialeah, Fla.
 SOUTHERN AIRCRAFT SALES CO., INC., New Orleans Airport, New Orleans, La.

SOUTHERN AIRWAYS CO., Munic. Airport, Atlanta, Ga.
 SOUTHERN AIRWAYS OF CHARLOTTE, Box 1211, Charlotte, N. C.
 SOUTHERN AVIATION CO., Albert Whitted Airport, St. Petersburg, Fla.; Robert D. Leon, pres.; UC-7A, Champion (Sedan); AO—Fla.; P.
 SOUTHERN AVIATION CORPORATION, P. O. Box 1481, Shreveport, La.
 SOUTHWEST AEROMOTIVE CORP., Rte. 2, Box 84, Springfield, Mo.
 SOUTHWEST AVIATION SERVICE, INC., Altus, Okla.
 SOUTHERN CALIFORNIA AIR AMBULANCE & HEARSE SERVICE, Bellflower Airport, 1451 E. Center St., Bellflower, Calif.
 SOUTHERN FLIGHT, INC., Box 408, Orlando, Fla.
 SOUTHERN ILLINOIS AIRWAYS, INC., Box 347, Marion, Ill.
 SOUTHERN INDIANA AIRLINES, 209 Chisena Nat'l Bank Bldg., Bedford, Ind.; R. P. Austin, pres.; T-50, Ercoupe; AO—U. S.; C-P.
 SOUTHERN MINNESOTA AVIATION SERVICE, INC., Box 11, Owatonna, Minn.
 SOUTHERN MISSOURI AIR SERVICE, INC., Rt. 4, Box 348, Springfield, Mo.
 SOUTHERN VERMONT FLYING SERVICE, Hartness Airport, N. Springfield, Vt.
 SOUTHERNAIRE CO., Box 148, Harrisville, S. C.
 SOUTHWEST AVIATION, INC., Box 1774, Brownsville, Tex.; Maynard Penick, pres.; AO—So. Tex.; Mexico; 5 light planes; P.
 SOUTHWEST AIR COLLEGE, INC., P. O. Box 1269, San Angelo, Tex.
 SOUTHWEST AIR RANGERS, Box 1154, El Paso, Tex.; William E. Mueller, pres.; Stinson, 2 Silvairs (Silvairs); AO—Southwest; C-P.
 SOUTHWEST AIRCRAFT, INC., Meacham Field, Ft. Worth, Tex.
 SOUTHWEST KANSAS AIRCRAFT SALES, Munic. Airport, Greensburg, Kan.; G. A. Bertram, prop.; Cessna 140 (Cessna 170); AO—U. S.; C-P.
 SOUTHWESTERN AIRWAYS, Box 818, Oklahoma City, Okla.
 SOUTHWESTERN SKYWAYS, INC., Box 347, Santa Fe, N. M.; Carl D. Ettinger, Dale R. Erickson, co-owners; 10 SEL (10 SEL); AO—U. S. Canada, Mexico; C-P.
 SPA AIR SERVICE, Ballston Spa Airport, Ballston Spa, N. Y.
 SPA FLYING SERVICE, Memorial Field, Hot Springs, Ark.
 SPAIN'S FLYING SERVICE, P. O. Box 1269, Yuma, Ariz.
 SPARTA AVIATION SERVICE, Airport, Sparta, Mich.
 SPARTA FLYING SERVICE, 310 Wisconsin St., Sparta, Wis.
 SPARTAN AIRCRAFT CO., 1808 N. Sheridan Rd., Tulsa, Okla.; J. Paul Getty, pres.; Spartan; AO—X; P.
 SPARTAN AVIATION, Box 909, Spartanburg, S. C.; Lewis W. Clayton, pres.; Twin Cessna, Cessna 140, Ercoupe, Super Cruiser, Taylorcraft, PT-17, PT-19, BT-11, 6 Cubs; AO—U. S.; C-P.
 SPEEDAIR DELIVERY, INC., 980 Westlake Ave. N., Seattle.
 SPEED'S FLYING SERVICE, INC., 23-11 Linden St., Flushing, N. Y.
 SPEER FLYING SERVICE, P. O. Box 1171, El Cajon, Cal.
 SPILLERS AIR TAXI & CHARTER SERVICE, Box 183, Leavenworth, Wash.
 SPILLMAN AERO SERVICE, INC., Box 175, Holyoke, Colo.; Leslie Kunkel, pres.; Cessna 140, PA-12 (Cessna 170); AO—Phillips Co.; C-P.
 SPOKANE FLYING SERVICE, INC., Box 82, Parkwater, Wash.
 SPORTAIRE, Pellston, Mich.
 SPORTSMAN FLYING SERVICE, Emmet County Airport, Pellston, Mich.
 SPORTSMAN'S CHARTER SERVICE, Gate 119, Lockheed Air Ter., Burbank, California.
 SPORTSMEN'S AIR SERVICE, 1124 N. E. 11th St., Miami, Fla.
 SPORTSMEN AIRWAYS, INC., Sky Harbor, Duluth, Minn.; Robert L. Bergum, pres.; Norcross Seaplane, Widgeon, Chief, Cub seaplane, 3 Champion seaplanes (2 Aeronaics); AO—North Central U. S., Canada; C-P.
 SPORTSMEN'S AIR SERVICE, 14 Oak Lane, Davenport, Ia.
 SPORTSMEN AIRWAY, 449 Cabot St., Beverly, Mass.
 SPRING CITY FLYING SERVICE, INC., Rt. 5, Box 574, Waukesha, Wis.
 SPRINGER AERO SERVICE, Box 7, Springer, N. M.
 SPRINGFIELD AVIATION CO., INC., Springfield Airport, Springfield, Ill.; Carl A. Sorling, pres.; Stinson 108-1, Aeronaics; AO—U. S.; C-P.
 SPRINGFIELD FLYING SERVICE, INC., Rt. 1, Box 80, Springfield, Mo.
 SPRINGFIELD FLYING SERVICE, INC., Emory Rd., Springfield, Ore.; Robert C. Good, pres.; Crusair, 2 PA-12s; AO—Northwest; C-P.
 SPRINGFIELD FLYING SERVICE, INC., Springfield, Colo.
 SPRINGVILLE AIRPORT, INC., Springville, N. Y.
 STAFFORD AIRPARK, Bladell, N. Y.
 STANDARD FLYING SERVICE, Municipal Airport, Kansas City, Mo.
 STANFIELD FLYING SERVICE, Box 415, Ottumwa, Ia.

AIR CARGO INSURANCE

MAIL • EXPRESS • FREIGHT

Carriers Liability—Shippers All Risk Anywhere in the World

NEW YORK 17

40 E. 42nd STREET
Murray Hill 7-4960

PARKER & CO.

Specializing in aviation insurance for over 20 years

PHILADELPHIA 3

1616 WALNUT STREET
Kingsley 5-1200

STARK FLYING SERVICE, Box 137, Coldwater, Kan.; Victor G. Stark, prop.

STARKVILLE FLYING SERVICE, P.O. Box 150, Starkville, Miss.

STARNES AVIATION SERVICE, KENNETH, Box 1534, Little Rock, Ark.

STARRETT AVIATION CO., INC., P.O. Box 529, Spencer, Ia.; 4 small planes; AO—U. S., Canada; C-P.

STATE AIRLINES, INC., Box 1863, Charlotte 1, N. C.; H. R. Gilbert, Jr.; Bossard; AO—U. S., C-P.

STATE COLLEGE AIR DEPOT, INC., State College, Pa.

STATE LINE AIR ACTIVITIES, LTD., Box 157, Birdgeport, Ala.

STATEWIDE AIRPORT, R. D. 3, Newburgh, N. Y.

STATESVILLE FLYING SERVICE, Box 1163, Statesville, N. C. D. V. Keller, prop.

STEINMAN FLYING SERVICE, Frank, Roosevelt Field, Mineola, L. I., N. Y.; T-6; AO—East, Southeast, Midwest; A.

STEPHENSON AIR AMBULANCE, Box 591, Sebring, Fla.; J. M. Stephenson, prop.

STERRETT'S FLYING SERVICE, Kinsley, Kan.

STEVENS AVIATION CENTER, P.O. Box 718, Connellsville, Pa.

STEVENSON AVIATION SERVICE, Box 956, Muskogee, Okla.

STEVE'S FLYING SERVICE, Pelican Lake, Orr, Minn.

STEWART, ARTHUR W., Box 3, Somers, N. Y.; Parkhurst; A.

STEWART AVIATION CO., Box 79, Parkersburg, W. Va.; J. Wayde Stewart, pres.; Stinson, Krocus; AO—unlimited; C-P.

STEWART FLYING SERVICE, Munc. Airport, Massena, N. Y.

STICKNEY FLYING SERVICE, Edgemont, S. D.

STILES JONES FLYING SERVICE, Shoals, Ind.

STINSON'S FLYING SERVICE, Box 1107, Klamath Falls, Ore.; Chester E. Stinson, prop.

STIRM, RALPH C., Independence, Iowa.

STOCKERT FLYING SERVICE, INC., Bendix Field, South Bend, Ind.

STOCKMAN AVIATION SERVICE, Munc. Airport, Williston, N. D.; W. H. Stockman, H. W. Stockman, props.

STODDARD AERO SERVICE, Box 1057, Wink, Tex.; W. L. Stoddard, pres.; UC-78, Voyager, Super Cruiser; AO—U. S.; C-P.

STONE & WELLS FLYING SERVICE, P.O. Box 8097, Jacksonville, Fla.

STOUT FLYING SERVICE, INC., Box 32, Muscatine, Iowa.

STOVER AIR SERVICE, Memorial Field, Hot Springs, Ark.

STRAITS AIR SERVICE, Box 336, Mackinac City, Mich.

STRALEY FLYING SERVICE, Box 456, Chilton, Ia.

STRATTON AIR SERVICE, Frank, Princeton, Ore.

STRAUSS SKYWAYS, R. E. I., Smith Field, Warsaw, Ind.; Frederick J. Strauss, prop.; Voyager, Cessna 140; AO—U. S.; P.

STUCKEY'S FLYING SERVICE, Box 304, Ruston, La.; S. L. Stuckey, prop.; Voyager, Cessna, 4 Cubs; AO—500 miles from base; C-P.

STULL FLYING SERVICE, 711 6th St., Fairbury, Neb.

STUTTGART AVIATION SERVICE, Box 343, Stuttgart, Ark.

SUMMIT AIR SERVICE, INC., Box 484, Laramie, Wyo.

SUMTER AIRWAYS, INC., Munc. Airport, Sumter, S. C.; E. H. Lyness, Jr., pres.; Super Cruiser; AO—East; P.

SUNDORF AERONAUTICAL CORP., Munc. Airport, Cleveland.

SUN VALLEY AIR SERVICE, 2400 Alpine Way, Phoenix, Ariz.

SUNNY SOUTH AIRCRAFT SERVICE, 9000 N. W. 7th Ave., Miami, Fla.; Robert Urlick, Jr., prop.; Cessna 190; AO—U. S., Cuba, Bahamas, Jamaica; C-P.

SUPERIOR SKYWAYS, 900 S. Heald St., Wilmington 33, Del.; Harry C. Riblett, Prop.

SURFSIDE, INC., Rte. 1, Hugo, Minn.

SURSEK AERO INDUSTRIES, INC., Route 13, Bridgeville, Del.

SUTERLAND BROS. FLYING SERV., Municipal Airport, Gladwin, Mich.

SWABY, RALPH F., Box 916, Munc. Airport, Lawton, Okla.; R. P. Swaby, prop.; UC-78, Station Wagon, Waco UC-53, BT-13, Krocus; AO—U. S.; C-P.

SWAIN AIR SERVICE, 220 W. 18th St., Erie, Pa.

SWAIN, THEODORE W., 3320 Barber St., Los Angeles, Cal.

SWIFT AIR SERVICE, Lindberg Field, San Diego, Calif.

SWIFTAIR, INC., Box 1469, Las Vegas, Nev.

SWINSON BROS. FLYING SERVICE, Munc. Airport, Pratt, Kan.; E. C. Swinson, pres.; Stinson 165, 2 Cruisers (Stinson 165); AO—Kan.; C-P.

SYLVA FLYING SERVICE, Sylva, N. C.

SZELSTAY FLYING SERVICE, Roscnbel Airport, Roscnbel, Wis.

T

TABER FLYING SERVICE, Harlowton, Mont.

TACOMA FLYING SERVICE, Rt. 9, Box 2978, Tacoma, Wash.; PA-12, J-3, 2 Luscombes; AO—U. S.; C-P.

TANOR CHARTER SERVICE, Tanager Airport, Bellefontaine, Ohio.

TANNER, BOB, Port Lavaca, Tex.

TANNER FLYING SERVICE, Florida, Tex.; W. H. Tanner, prop.; PA-12; AO—U. S., P.

TAPPAN AIRWAYS, INC., Pierson Park, Tarrytown, N. Y.

TAYLOR AVIATION, New Kingstown, Pa.

TAYLOR, ROGER C., Quakertown Airport, Quakertown, Pa.

TAYLOR'S AEROSERVICE, Rt. 3, Box 477C, Houston, Tex.

TAYNOR-HARRIS AVIATION SERVICE, Champaign Airport, Box 617, Champaign, Ill.

TENNESSEE VALLEY FLIGHT SERVICE, INC., P.O. Box 611, Decatur, Ala.; Luke Pryor, pres.; Cub, UC-78, Stearman Duster, Fairchild 24, Luscombe, BT-13A, 2 Stearman, 5 Aerocars; AO—U. S.; C-P.

TERRA MARINE AIR SERVICE, 1515 Burke Ave., Seattle, Wash.

TERRY AIRCRAFT SALES & SERVICE, Helena, Ark.

TERRY FLYING SERVICE, Box 329, Chapman Field, Waterloo, Ia.; Meryl L. Terry, prop.; Stinson 165, 5 Cessna 140s (Stinson, Cessna 170); AO—Midwest; P.

TETV AVIATION SERVICE, Raleigh-Durham Airport, Raleigh, N. C.

TEXAS AEROMOTIVE CORP., Box 309, Yoakum, Tex.

TEXAS AERONAUTICS CO., P.O. Box 1012, Beaumont, Tex.

TEXAS AVIATION CORP., Box 1023, Pounds Field, Tyler, Tex.

TEXLAIR AVIATION, INC., 3616 E. Hampton Rd., Dallas 11, Tex.

TEXOMA AVIATION CO., INC., Box 690, Denison, Tex.

THIESSEN FLYING SERVICE, 2104 E. St., Hamburg, Iowa; Paul L. Thiesse, prop.

THOMAS AIR SERVICE, Box 301, Munc. Airport, Farmington, N. M.

THOMAS FLYING SERVICE, Corazica Fort Airpark, Nashville, Tenn.; Norman A. Thomas, Prop.

THOMPSON, R. L., Box 907, Liberal, Kan.

THOMPSON, C. M., Towanda Airport, Towanda R. D., Pa.

THOMPSON, C. M., THE, Box 4561, Warrington, Fla.

THOMPSON FLYING SERVICE, Kohler Airport, Kohler, Wis.

THOMPSON FLYING SERVICE, INC., 3820 Dahlia St., Denver, Colo.; D. B. Bullock, pres.; Station Wagon, PA-11, 3 Cubs, 2 Super Cruisers; AO—U. S., mostly Jockey Mt. area; C-P.

THOMPSON FLYING SERVICE OF SALT LAKE, Airport #1, Salt Lake City, Utah.

THOMPSON, HARLAN, 2315-4th St. N., Billings, Mont.

THOMPSON, WILLIAM A., R. D. 4, Washington, Pa.

THORNE SCHOOL OF AERONAUTICS, CARROLL S., Box 228, Vandalia, O.

THOUSAND SPRINGS AIR PARK, INC., Hagerman, Ida.

THRAIL, ALBERT DWAIN, Box 12, Cayman, Okla.

THUNDER BAY FLYING SERVICE, RFD 2, Alpena, Mich.

THUNDERBIRD AVIATION CO., Box 26, Gallup, N. M.

TIBBS, SCOTT R., 311 3rd St., Franklin, Ia.

TIFFIN SCHOOL OF AERO, Rt. 3, Tiffin, O.

TOCOYA FALLS FLYING SCHOOL, INC., Letourneau Airport, Toccoa, Ga.; P-I.

TOLEDO FLYING SERVICE, INC., Municipal Airport, Toledo, O.

TOLET, MILTON C., 46 Windsor St., Attica, N. Y.

TOMCO AVIATION, INC., Munc. Airport, San Antonio, Tex.; F. L. Thomson, Jr.; T-36, Cessna 195, several Cessna 140s; AO—U. S.; C-P.

TONEY FIELD FLYING SERVICE, Box 932, Pine Bluff, Ark.

TOPEKA AIRCRAFT SALES & SERVICE, Municipal Airport, Topeka, Kan.

TORONTO AIR SERVICE, INC., Box 334, Toronto, Ohio.

TORRINGTON FLYING SERVICE, Box 204, Torrington, Wyo.

TOR-WIT, 407 1/2 W. 1st Airport, Rte. D. 2, Winfield, Conn.

TOTH AIRCRAFT & ACCESSORIES CO., Munc. Airport, Kansas City, Mo.

TOWLE FLYING SERVICE, Munc. Airport, Wausau, Wis.

TOWLE OF MYRTLE BEACH, Box 1517, Myrtle Beach, S. C.

TRADEWIND FLYING CORP., Box 1377, Amarillo, Tex.

TRANS-AIR, INC., 2806 E. 45th St., Minneapolis, Minn.

TRANS-AIR, INC., Freeman Field, Seymour, Ind.

TRANS-AMERICAN AIRLINES, 334 E. Michigan Ave., Chicago

TRANSWIFT AVIATION CO., 1120 S. 11th West, Salt Lake City 4, Utah.

TRAVIS FLYING SERVICE, Mecosta Cy. Airport, Big Rapids, Mich.

TREATY CITY AIRPORT, RR 5, Greensville, Ohio; R. W. Hays, prop.

TRI ANGLE AIRCRAFT CORP., Cross Keys, N. J.

TRIANGLE AVIATION, INC., Stanton, Minn.

TRI-CITIES AIR SERVICE, INC., RR 1, Triangles Airport, Hammond, Ind.

TRI-CITIES AVIATION SCHOOL, INC., Tri-Cities Airport, Eadiott, N. Y.

TRI-CITY FLYING SERVICE, Tullahoma, Tenn.; J. E. Martin, J. G. Puckett, J. M. Gouta, props.

TRINIDAD AIR SERVICE, Box 117, Trinidad, Colo.; Perry F. Stokes, Prop.

TRIPLE CITIES AIRWAYS, INC., R. D. 2, Waverly, N. Y.

TRI-STATE AIRWAYS, RFD #1, Tri-State Airport, Angola, Ind.

TRI-STATE AIRWAYS CO., Box 163, Bryan, O.

TRI-STATE AVIATION CORP., Cincinnati Airport, Sharonville, Ohio.

TRI-STATE AVIATION SERVICE, Box 548, Amarillo, Tex.

TROH'S AIR TAXI, 186 Ave. & SE Division St., Portland, Ore.

TROPICAL FLYING SERVICE, INC., Box 715, St. Petersburg, Fla.; L. L. Heiderman, pres.; 10 single-engine land planes, Seabee, Air Phantom; AO—Gulf, S. Atlantic; C-P-I.

TRULOCK'S FLYING SERVICE, Rte. 4, Charleston, S. C.; F. Trulock, prop.; 11-AC, J-3, Taylorcraft DCO, BC-12D, 3 Aerocars 7-ACs; AO—Charleston area.

TRUMBULL, FREDERICK G., Chandler Field, Fresno, Calif.

TUFTS-EDGECOMBE, INC., Box 566, Elmhurst, Ill.

TULSA FLYING SERVICE, Tulsa Commercial Airport, Tulsa, Okla.

TUMCUMCARI FLYING SERVICE, Tumcumcari Airport, Tumcumcari, N. Mex.

TUPELO FLYING SERVICE, 409 N. Madison St., Tupelo, Miss.

TURNER AERONAUTICAL CORP., ROSCOE, Weir Cook Munc. Airport, Indianapolis; Col. Roscoe Turner, pres.; unspecified number of Taylorcraft, Valiant BT-13As, planes, 3 Box 123, Tyler, Tex.

TURNER FLYING SERVICE, Munc. Airport, Broken Bow, Neb.

TURNER, GRANT W., 291 Juniper, Elko, Nev.

TUSCARAWAS COUNTY AVIATION, INC., Munc. Airport, New Philadelphia, Ohio.

TUSKEGEE AVIATION, INC., Moton Field, Box 3, Tuskegee

TWENTIETH CENTURY FLYING SERVICE, INC., Clover Field, Santa Monica, Calif.

TWIN CITIES FLYING SERVICE, Twin Cities Airport, Benton Harbor, Mich.

TWIN CITY AIRWAYS, P. O. Box 1155, Texarkana, Ark.; Fred W. Kingdon, Jr., & Howard E. Webb, Props.

TWIN CITY FLYERS, Wold Chamberlain Airport, Minneapolis, Minn.

TYEE AIR SERVICE, INC., Paine Field, Everett, Wash.

TYLER RIVIERE SERVICE, Tyler, Tex.

TYRONE SPEEDWAY AIRPORT, 1238 Pennsylvania Ave., Tyrone, Pa.

TYSON & LENTZ, P.O. Box 725, Laramie, Wyo.

U

U. S. FLYING SERVICES, INC., Albert Whitted Airport, St. Petersburg, Fla.

UNDERWOOD FLYING SERVICE, P.O. Box 622, Yakima, Wash.

UNGERER FLYING SERVICE, Box 327, Marysville, Kan.; Carl L. Ungerer, pres.; 129 (Cessna 170); AO—U. S.; C-P.

UNION AIRCRAFT CORP., Monroe Munc. Airport, Monroe, N. C.; J. Ray Shute, pres.; BT-13, L-2, Twin Cessna, 2 PT-26s, 2 PT-19s, 8 Cubs; AO—Piedmont area; C-P.

UNITED AIR ACTIVITIES, Leach Airport, Buchanan, W. Va.

UNITED AERO SERVICE, INC., P.O. Box 1023, Charlotte, N. C.; E. F. Howington, pres.; Stinson SR-5, Voyager, 3 Aerocars; AO—Carolinas; C-P.

UNITED AERONAUTICS, INC., Box 355, Mineral Wells, Tex.

UNITED AIR SERVICE, INC., Box 933, El Dorado, Ark.

UNIVERSAL AVIATION CORP., Box 231, Ayr, Mass.

UNIVERSAL FLIGHT SCHOOL, Box 146, Lambert Field, St. Louis 21, Mo.

UNITED STATES IRREGULAR CARRIERS—Continued

UNIVERSAL FLYERS, Culver City Airport, Culver City, Calif.
UNIVERSITY OF OKLAHOMA, Max Westheimer Field, Norman, Okla.
USHER AVIATION, INC., Muncie Airport, New Haven, Conn.
USSELLMAN FLYING SERVICE, Parks Metropolitan Airport, East St. Louis, Ill. Harry C. Uselman, Prop.
UTAH PACIFIC AIRWAYS, INC., P. O. Box 1187, Ogden, Ut.
UTILITY AIR TRANSPORT, Inc., 67, Lone Beach, Calif.
UYALDE FLYING SERVICE, Garner Field, Uvalde, Tex.
ULYDETH, SIEGFRIED, 55 Anvil Lane, Levittown, L. I., N. Y.

V

VACIN-HIRST FLYING SERVICE, Box 329, Enid, Okla.
VAL-AIR, INC., Box 771, Lamar, Colo.
VALENTIN AIR SERVICE, Box 127, Marion, Ill.
VALENTINE AIR SERVICE, Valentine, Neb.; J. R. Harvey & Kenneth L. Brown, props.; FA-12; AO-U. S.; C-P.
VALLEJO SKY HARBOR, Box 693, Vallejo, Calif.
VALLEY AIR PARK, Middleburg, N. Y.
VALLEY AIR SERVICE, Box 661, Lanett, Ala.
VALLEY AIR SERVICE, Box 1169, Grand Junction, Colo.
VALLEY AIR SERVICE, P. O. Box 385, Sunnyside, Wash.
VALLEY AIRMOTIVE CORP., Box 281, Logan, Utah.
VALLEY AVIATION, Las Animas, Colo.
VALLEY FLYERS, P. O. Box 901, Glasgow, Mont.; R. S. Jondahl & C. D. Markle, props.; Waco, Cessna, Stinson; AO—NE Mont.; C-P.
VALLEY FLYING SERVICE, P. O. Box 284, Pauls Valley, Okla.
VALLEY FLYING SERVICE, INC., Harrisburg, Ore.
VALLEY ISLE AVIATION, Kadihi, Mand. T. H.
VALPARAISO AERO CLUB, INC., Box 149, Valparaiso, Ind.
VAN-AIR SERVICE, 166 Smith St., Poughkeepsie, N. Y.
VAN-JENSEN FLYING SERVICE, Crichton, Neb.
VAN PELT FLYERS, P. O. Box 137, Locust Ave., Waukegan, Ill.
VAN WEST FLYING SERVICE, Muncie Airport, Van Wert, Ohio.
VANCOUVER FLYING SERVICE, Pearson Airport, Vancouver, Wash.
VANDALLA FLYING SERVICE, INC., Box 86, Vandalla, Ill.
VANDER KLOOT, W. J. & Co., 233 Manhasset Ave., Manhasset, N. Y.
VAN'S AIR SERVICE, INC., Box 237, St. Cloud, Minn.
VARNER AIR INDUSTRIES, INC., Box 361, Willows, Calif.
VAUGHAN FLYING SERVICE, University Airport, Bowling Green, O.
VENTURA COUNTY FLYERS, P. O. Box 949, Oxnard, Cal.
VERDE AIR SERVICE, Box 216, Clemens, Ariz.
VERMONT FLYING SERVICE, INC., Barra, Vt.
VEST AIRCRAFT & FINANCE CO., 4600 Dahlia St., Denver 16, Colo.
VETERAN'S CHARTER SERVICE, Box 1348, Thermopolis, Wyo.
VETERANS AIR SERVICE, Rt. 1, Box 1803, Grants Pass, Ore.
VIA AIR ST. CLAIR COUNTY AIRPORT, St. Clair County Airport, Port Huron, Mich.
VICK & HARTFORD FLYING SERVICE, Cornelia Fort Airport, Nashville, Tenn.
VICKERS AIRCRAFT, Muncie Airport, Lubbock, Tex.; James J. Vickers, prop.
VICTOR AVIATION, INC., Box 504, Sherman, Tex.
VICTOR AIRCRAFT SALES CO., Lester Airport, Martinsville, Va.
VIRGINIA AIRWAYS, INC., Box 762, Emporia Airport, Emporia, Va.
VIRGINIA-CAROLINA FLYING SERVICE, INC., Box 1388, Martinsville, Va.
VIRGINIA CUB DISTRIBUTORS, Box 998, Charlottesville, Va.
VOEGLE FLYING SERVICE, Titusville Airport, Titusville, Fla.
VOGL FLYING SERVICE, Inc., Sallis, Ill.
VOLPE'S FLYING SERVICE, Box 28, Claremont, N. H.; Henry Volpe, pres.; Voyager, Super Cruiser, Ercoupe, 6 Cub trainers; AO—Eastern states & Canada; C-P.
VOSSLER FLYING SERVICE, Box 387, Porterville, Calif.

W

W F AIR SERVICE, Box 101, W. Frankfort, Ill.
W&L AIRWAYS, Rutherford St., Wadsworth, N. C.
W. T. D. FLYING SERVICE, Box 1023, McCamey, Tex.; M. Oris & C. L. Eddleman, props.
WARASH FLYING SERVICE, Mt. Carmel, Ill.
WACO AVIATION SCHOOL, INC., P. O. Box 1993, Waco, Tex.
WADE AIRCRAFT, 3200 Denny St., Santa Monica, Calif.
WADE FLYING SERVICES, INC., Bowman Field, Louisville, Ky.
WADERNA AIR SERVICE, Wadena, Minn.
WAIT, WENDELL L., Box 2, Midland, Mich.
WALKER AIRCRAFT, Box 338, Monterey, Calif.; Alton H. Walker, prop.
WALKER FLYING SERVICE, Box 41, Palacios, Tex.; R. T. Walker, prop.
WALLA WALLA SKY RANCH, Rt. 1, Box 275A, Walla Walla, Wash.
WALLACE AIR SERVICE, INC., Box 2208, Spokane, Wash.
WALLACE AIRCRAFT CO. SEAPLANE BASE, 137 Ringling Blvd., Sarasota, Fla.
WALLY'S FLYING SERVICE, RFD Rte. 3, Bemidji, Minn.; Walter E. Zimmer, prop.
WALLWORTH COUNTY AIRWAYS, INC., RFD No. 3, Elkhorn, Wis.
WAPLEO FLYING SERVICE, Waplelo, Iowa.
WARD FLYING SERVICE, 408 N. 14th St., Murphysboro, Ill.
WARD FLYING SERVICE, RFD 4, Dexter, Mo.
WARREN AVIATION SERVICE, Warren, Ark.
WARREN BROS. FLYING SERVICE, Box 305, Rochester, N. C.; M. C. Warren, pres.; FA-12 (FA-12); AO—U. S.; C-P.
WARREN FLYING SERVICE, 2850 14th Rd., Warren, Mich.
WARRENSBURG FLYING SERVICE, INC., Box 336, Warrensburg, Mo.
WASHINGTON AERONAUTICS CO., INC., Muncie Airport, Washington, Ind.
WASHINGTON FLYING SERVICE, Box 409, Washington, Ia.
WASHINGTON SKYWAYS, Pasco, Wash.
WATERLOO AIR SERVICE, Box 23, Watertown, Wis.
WATSON & TAYLOR FLYING SERVICE, Brewton, Ala.
WATSON FLYING SERVICE, 1009 9th St., Las Vegas, N. M.
WATERS AIRWAYS, Grand Marais, Minn.

WATTS AERIAL AMBULANCE, INC., 1301 North Robinson, Okla. City, Okla.
WATUPPA SEAPLANE SCHOOL, Fall River Seaplane Base, N. Westport, Mass., U.S.
WAUPUN FLYING SERVICE, Box 34, Waupun, Wis.
WEATHERLY CAMPBELL AIRCRAFT, Highland Park Airport, Dallas, Tex.
WEBB AVIATION SERVICE, Box 1558, Muncie Airport, Pampa, Tex.; Roy A. Webb, Jr., pres.; T-30, Cess 140 (Cessna 170); AO—Tex., Okla., N. M.; C-P.
WEBSTER AVIATION CO., INC., Box 52, Waukegan, Wis.
WEBSTER CITY FLYING SERVICE, Webster City Airport, Webster City, Ia.
WEBSTER AIRWAYS, INC., DANIEL, RFD 1, Nashua, N. H.
WECKEL ORVAL S., Box 399, Portland, N. Mex.
WEGGERS AIRPLANE SEEDING & DUSTING CO., Rt. 1, Box 208, Woodland, Calif.
WEIKLE, LAYMAN, Covington, Va.
WEIKLE, WHEELER L., RFD 2, Box 341, Boncove, W. Va.
WEISS AIRPORT, Rt. 15, Box 140, Kirkwood 22, Mo.
WEISSE FLYING SERVICE, Box 491, Covington Airport, Covington, Va.
WELBORN AIRCRAFT SALES CO., INC., Waynesboro, Ga.; A. W. Welborn, pres.; T-30, Cessna 140, Swift 123, Taylorcraft, J-3, 2 Super Cruisers; AO—mainly Southeast; P.
WELD AIRCRAFT, INC., Box 908, Greeley, Colo.
WELLES AIRCRAFT CORP., THE, Chemung County Airport, Elmira, N. Y.
WELLS SCHOOL OF AVIATION, INC., P. O. Box 471, Hutchinson, Kan.; Roland O. Wells, pres.; AO—400-mi. radius; 2 single-engined planes; P-I/C.
WENATCHEE AIR SERVICE, INC., Box 1160, Wenatchee, Wash.
WERLE AIR SERVICE, Werle Airport, Dunkirk, N. Y.
WERLING AIR SERVICE, Pittsburgh-Butler Airport, Butler, Pa.
WERNER FLYING SERVICE, INC., Box 302, Tomahawk, Wis.
WEST-TEX AIRCRAFT, Rt. 1, Muncie Airport, Lubbock, Tex.
WESTERN AIRWAYS, INC., Box 138, Ogden, Utah.
WEST BEND FLYING SERVICE, INC., Box 94, West Bend, Wis.
WEST CENTRAL AIRLINES, INC., Sterling Bldg., Houston, Tex.
WEST CENTRAL AIRWAYS, INC., Municipal Airport, Fergus Falls, Minn.
WEST CHESTER AIRPORT, INC., R. D. 3, West Chester, Pa.
WEST CHICKSTER AIR SERVICE, Box 101, West Frankfort, Ill.
WEST LANE FLYING SERVICE, Box 123, Stockton, Calif.
WEST MEMPHIS FLYING SERVICE, INC., Box 478, West Memphis, Ark.
WEST TEXAS AVIATION, P. O. Box 227, Sweetwater, Tex.
WEST TEXAS FLYING SERVICE, INC., Box 801, Midland, Tex.
WEST VIRGINIA AIR SERVICE, INC., Box 461, Clarkburg, W. Va.
WESTAIR FLYING SCHOOL, INC., P. O. Box 109, White Plains, N. Y.
WESTBROOK, HARTLEY A., 506 State St., Guthrie Center, Ia.
WESTCHESTER AIRPORT, INC., Rte. 22, Armonk, N. Y.
WESTERN AIRCRAFT CORP., Municipal Airport, Caldwell, Ida.
WESTERN AIRCRAFT SALES, Hanger 1, Oakland Airport, Oakland, Calif.
WESTERN AVIATION, INC., Box 1415, Sterling, Colo.
WESTERN FLYING SERVICE, Box 746, Clovis, N. M.
WESTERN FLYING SERVICE, INC., Box 921, Windsor, D. C.
WESTERN MICHIGAN FLYING SERVICE, INC., Muncie Airport, Kalamazoo, Mich.
WESTERN SKYWAYS, INC., Box 444, Renton, Wash.
WESTERN SKYWAYS SERVICE, Portland-Trousdale Airport, Troutdale, Ore.; C-P.
WESTERN STATE AVIATION, Gunnison, Colo.
WESTERN STATES FLYING SERVICE, Box 474, Reedsport, Ore.
WESTERN WASHINGTON AIRCRAFT, INC., Box 204, Bellingham, Wash.
WESTFIELD FLYING SERVICE, INC., Leekrone Field, Salem, Ill.
WESTHOPE FLYING SERVICE, Westhope, N. D.; William B. Shaffer, pres.; Aerona, Cuba, Cessna; AO—local; C-P.
WHARTON FLYING SERVICE, Jacksonville Airport, Jacksonville, Fla.
WHEATLEY FLYING SERVICE, W. C., 151 Main St., Clayton, N. M.
WHEELING SEAPLANE BASE, INC., Box 341, Wheeling, W. Va.
WHITE FLYING SERVICE, Box 663, Brownwood, Tex.; Alva N. White, prop.; Cessna 128, Cessna 140, T-30 (Cessna 170); AO—U. S.; C-P.
WHITE FLYING SERVICE, 115 Berkshire, San Antonio, Tex.
WHITE FLYING SERVICE, E. B., 1418 West St., Emporia, Kan.; Erman B. White, prop.
WHITE RIVER FLYING SERVICE, Box 55, Meeker, Colo.
WHITE RIVER FLYING SERVICE, INC., White River Jet, Vt.
WHITE, ROBERT A., 1159 S. Main St., Lone Pine, Calif.
WHITEHEAD'S, INC., Morris Field P.O., Charlotte 6, N. C.
WICHITA FALLS AIR TRANSPORT CO., Box 309, Wichita Falls, Tex.
WIK'S AIR SERVICE, INC., 341 N. Shaver St., Portland 13, Ore.
WILKS FLYING SERVICE, Fayetteville, Tenn.; Clyde W. Wilks, pres.; FA-12, Voyager; AO—U. S.; C-P.
WILLAMETTE AIRPARK BEV'S FLYING SERVICE, Box 943, Eugene, Ore.
WILLARD AIRPORT FLYING SCHOOL, INC., Willard, O.
WILLET FLYING SERVICE, GUS, Box 41, Brookfield, Mass.; Gus Willett, prop.; Cessna 140, Navion, J-3; AO—U. S., Canada; C-P-6-L.
WILLIAMS AIRCRAFT, 427 Patton, San Antonio 7, Tex., O. K. Williams, Prop.
WILLIAMS FLYING SCHOOL, INC., Box 1955, Phoenix, Ariz.
WILLIAMS FLYING SERVICE, Box 480, Little Rock, Ark.
WILLIAMSON AIR SERVICE, Stapleton Airfield, Denver, Colo.
WILLIS, ASA, Muncie Airport, Shreveport, La.
WILLIS AVIATION CO., P. O. Box 646, Brownwood, Tex.; Harvey T. Willis, pres.; Voyager, Bonanza, Cub Cruiser (Stinson Wagner); AO—local; C-P.
WILLMAR AIR SERVICE, INC., Box 149, Willmar, Minn.
(Concluded on Page 52)

SCHEDULED AIRLINES OF THE UNITED STATES

(Including U. S. Territories and Possessions)

KEY TO SYMBOLS: ADO—Area of Domestic Operations; AIO—Area of International Operations; CC—Contract Air Cargo; CD—Scheduled Domestic Air Cargo; CI—Scheduled International Air Cargo; P—Passengers; X—No Information. Aircraft shown in parentheses indicate they are on order or in the process of modification.

AIRNEWS, INC., Ave. E & 3rd St., San Antonio, Tex.; Frank G. Huntress, pres.; 2 DC-3s, 4 Norsemen; ADO—Corpus Christi, Beeville, San Antonio, McAllen, Harlingen, Brownsville; C.

ALASKA AIRLINES, Box 2209, Anchorage, Alaska; Stanley McCutcheon, pres.; 5 DC-4s, 4 C-47s, 25 smaller planes including Bellanca, Stinsons, Waco, Aerona. Cessna, Widgeon; ADO—Alaska (Alaska-U. S. on a non-scheduled basis); CD—CC-F.

ALASKA COASTAL AIRLINES, Box 2209, Juneau, Alaska; A. B. Holden & S. B. Simmons, co-mgrs.; 4 G-21As, 2 Vega 5-Cs, Kingbird, Seabee; ADO—Southeastern Alaska; CC—CD-F.

ALASKA ISLAND AIRLINES, Box 534, Petersburg, Alaska; James Nolan, pres.; 2 Aerona. 2 Widgeons, 2 Waco. Travelaire; C-F.

ALL AMERICAN AIRWAYS, Washington Nat'l Airport, Wash., D. C.; Robert M. Love, pres.; C. W. Kline, traffic mgr.; 11 DC-3s, Bonanza; ADO—Penn., W. Va., Ohio, N. Y., N. J., Wash., D. C., Md., Del.; P—scheduled express and mail only.

AMERICAN AIRLINES, 100 Park Ave., N. Y.; C. R. Smith, pres.; J. D. Boylan, director of cargo sales; 11 DC-6Bs, 14 DC-4 airfreighters, 49 DC-4s, 78 Convair (3 DC-6As, 6 DC-6Bs); ADO—Ariz., Ark., Calif., Conn., Del., Ill., Ind., Ky., La., Md., Mass., Mich., Mo., N. J., N. Y., Ohio, Okla., Pa., R. I., Tenn., Tex., Va., W. Va., Wis., Wash., D. C.; AIO—Mexico, Canada; CC—CD—CI-F.

BONANZA AIRLINES, P. O. Box 391, McCarran Field, Las Vegas, Nev.; Edmund C. Converse, pres.; M. E. Cole, vice pres.-traffic; 4 DC-3s; ADO—Nev., Ariz.; C-F.



Just Published AIR TRANSPORTATION MANAGEMENT:

Its Practices and Policies

by JOSEPH NICHOLSON
Temple University

- **Unique** . . . digs deep into management's decisions and policies. Gives the "whys" involved in the costs of operation.
- **Impartial** . . . gives a true perspective. Each chapter has been checked by representatives both of the industry and of regulatory bodies.
- **Revealing** . . . stresses the often-ignored fact that increasing regulation is an inevitable outcome of substituting present methods of mail pay for competitive bidding.
- **Practical** . . . presents a more selective discussion of the importance of load factor, utilization factor, etc., than is found in other books.

Covers domestic and overseas routes, feeder routes, airways and airports, safety, meteorology, communications, federal regulation, rates, organization and management, employment problems, finance, equipment and maintenance, insurance, mail, passengers, air express, air freight, helicopter lines, and much other significant information.

October 446 pages \$4.50
Send today for your approval copy. Please include name, address, and your firm's name.

JOHN WILEY & SONS, INC., Dept. AT-1151
440 Fourth Avenue, New York 16, N. Y.

BRANIFF INTERNATIONAL AIRWAYS, Love Field, Dallas, Tex.; T. E. Braniff, pres.; Frank Macpherson, special cargo mgr.; 15 DC-3s, 9 DC-4s, 7 DC-6s (2 Convair, 2 DC-6s); ADO—Tex., Okla., Kans., Fla., Ill., Ark., Mo., Tenn., Colo.; AIO—C. E. Cuba, Peru, Canal Zone, Paraguay, Ecuador, Bolivia, Brazil, Argentina; CC—CD—CI-F.

BROWNE FLYING SERVICE, NAT, Bethel, Alaska; Nat Brown, pres.; C-F.

BYERS AIRWAYS, Box 1410, Fairbanks, Alaska; Robert Byers, pres.; C-F.

CALIFORNIA CENTRAL AIRLINES, Lockheed Air Terminal, Burbank, Calif.; C. C. Sherman, pres.; 9 DC-3s, Lodestar; ADO—San Diego, Burbank, San Francisco, Sacramento; F.

CAPITAL AIRLINES, National Airport, Wash., D. C.; J. H. Carrichael, pres.; G. M. Springer, M. Springer, M. Springer, 25 DC-3s, 2 Super DC-3s, 4 DC-4s, 2 Constellations, C-47; ADO—N. Y., N. J., Pa., Ohio, Mich., Ill., W. Va., Va., Wash., D. C., N. C., Tenn., Ga., La., Ala., Md., Minn., Wis.; CC—CD-F.

CARIBBEAN ATLANTIC AIRLINES, INC., P. O. Box 3314, San Juan, Puerto Rico; D. Trigo, pres.; F. H. Sheldon, vice pres.-traffic; 3 DC-3s; AIO—F. L. V. L. Dom. Rep.; C-F.

CATALINA AIR TRANSPORT, Avalon, Calif.; David P. Fleming, pres.; leased to United Air Lines.

CENTRAL AIRLINES, 6109 Camp Bowie Blvd., Fort Worth, Tex.; Keith Kahle, pres.; Allen E. Maestre, gen. traf. mgr.; 2 DC-6s, 4 DC-3s; ADO—Ark., Kan., Okla., Tex.; CD-F.

CHICAGO AND SOUTHERN AIRLINES, Municipal Airport, Memphis 3, Tenn.; Sidney A. Stewart, pres.; Gerald J. Keller, cargo traffic-sales mgr.; 13 DC-3s, 4 DC-4s, 2 Constellations; ADO—Mich., Ohio, Ind., Ky., Tenn., Mo., Ark., Ill., Miss., La., Tex.; AIO—Cuba, Jamaica, Venezuela; CC—CD—CI-F.

CHRISTENSEN AIR SERVICE, Box 413, Anchorage, Alaska; Hakoa Christensen, pres.; Waco, Norseman, Widgeon; ADO—Anchorage-Seward (charter in all directions); CC—CD-F.

COLONIAL AIRLINES, 230 Park Ave., N. Y.; Alfons B. Lauda, pres.; Carl Rothman, director of cargo sales; 1 DC-3s, 4 DC-4s; ADO—N. Y., Va., Pa., Md., Wash., D. C.; AIO—Canada, Bermuda; CC—CD—CI-F.

CONTINENTAL AIR LINES, Stapleton Field, Denver 7, Colo.; Robert F. Six, pres.; John A. Smith, cargo sales mgr.; 12 DC-3s, DC-4, 5 Convair Liners (7 Convair 340s, 2 DC-6Bs); ADO—Mo., Kan., Okla., Tex., N. M., Colo.; CC—CD—CF.

CORDOVA AIR SERVICE, INC., Box 118 Cordova, Alaska; Merle K. Smith, pres.; 4 Stinsons, 3 Norsemen; ADO—West Alaska; CC—CD-F.

DELTA AIR LINES, Municipal Airport, Atlanta, Ga.; C. E. Woolman, pres.; Paul W. Fats, cargo-mail traffic mgr.; 17 DC-3s, 6 DC-4s, 7 DC-4s, 3 C-47s; ADO—Al., Ohio, Ky., Tenn., N. C., S. C., Ga., Fla., Ala., Miss., La., Tex.; CC—CD—F.

DILLINGHAM AIR SERVICE, Dillingham, Alaska; R. D. Fenno, mgr.; Stinson JRB, Robin J-1, Waco YEC, Cessna 195, Norseman; AIO—Bristol Bay, Alaska; CC—CD-F.

EASTERN AIR LINES, 10 Rockefeller Plaza, N. Y.; Edward V. Rickenbacker, pres. & gen. mgr.; Richard W. Gilbert, air cargo mgr.; 20 Constellations, 20 DC-4s, 47 DC-3s (30 Super Constellations, 60 4-0-4s); ADO—Tex., La., Ala., Ga., Fla., S. C., N. C., Va., Md., Pa., N. Y., N. J., Mass., Ky., Ind., W. Va., Ill., Mich., Ohio, Wash., D. C., Conn., R. I., Del., Mo., Puerto Rico; AIO—Mexico City; CC—CD-F.

ELLIS AIR LINES, Box 1059, Ektchikan, Alaska; Robert E. Ellis, pres.; 5 G-21As, 2 Pacemakers; ADO—Southeastern Alaska; CC—CD-F.

EMPIRE AIR LINES, Box 244, Boise, Idaho; Joe Lux, pres.; Gwin Hecks, vice pres.-gen. traf. mgr.; 5 DC-3s; ADO—Ida., Wash., Ore.; F.

FLYING TIGER LINE, Lockheed Air Terminal, Burbank, Calif.; Robert W. Prescott, pres.; 3 C-47s, 16 C-47s; ADO—Calif., Colo., Ohio, Ill., Mich., Wis., N. Y., Mass., Conn., R. I., Penn.; C.

FRONTIER AIRLINES, Stapleton Airfield, Denver, Colo.; H. S. Darr, pres.; G. S. Kichen, cargo sales mgr.; 13 DC-3s; ADO—Ariz., Colo., Mont., N. M., Tex., Utah, Wyo.; C-F.

HAWAIIAN AIRLINES, P. O. Box 2237, Honolulu 1, Hawaii; Stanley C. Kennedy, pres.; Walton Wood, cargo mgr.; 13 DC-3s (6 Convair Liners); ADO—Hawaiian Islands; CC—CD-F.

HELICOPTER AIR SERVICE, 5036 W. 53rd St., Chicago; Ill.; T. Hamill Reidy, pres.; 6 Bell helicopters; ADO—Chicago area; mail only.

INLAND AIR LINES, 6000 Avion Drive, Los Angeles, Calif. (See Western Air Lines.)

- INLAND AIRWAYS, Box 55, Walla Walla, Wash.; Lyle Neff, pres.; Kenneth Martin, gen. traf. mgr.; 3 Lodestars; ADO—Wash.; CC-CD-P.
- ISLAND AIR FERRIES, MacArthur Airport, Bohemia, L. I., N. Y.; Frederick H. Smith, pres.; G-31, Howard, Norseman; ADO—N. Y., Conn., R. I., Mass.
- LOS ANGELES AIRWAYS, 5901 W. Imperial Highway, Los Angeles; Clarence M. Bellin, pres.; 5 B-15s; mail only.
- MASSACHUSETTS AIRLINES, Logan Airport, E. Boston 23, Mass.; G. Brewer, mgr.; 2 Navions, Widgcon, Twin Cessna; AO—Mass.; P.
- METROPOLITAN AIR COMMUTING, Pawling, N. Y.; Robert N. Ducas, pres.; ADO—N. Y.
- MID-CONTINENT AIRLINES, 193 E. 9th St., Kansas City, Mo.; J. W. Miller, pres.; T. B. Gilmore, Supt., Air Mail & Cargo; 22 DC-3s, 4 Convals; ADO—N. D., S. D., Minn., Ia., Ill. Wis., Neb., Mo., Okla., Ark., Tex., La.; CD-P.
- MID-WEST AIRLINES, Municipal Airport, Box 11, Omaha, Neb.; P. C. Anderson, pres.; J. B. Barnes, Jr., gen. traf. mgr.; 5 Cessna 190s; ADO—La., Minn., S. D., Neb.; C-P.
- MUNZ AIR SERVICE, Nome, Alaska; William S. Munz, pres.; 8 light planes; C-P.
- NATIONAL AIRLINES, 3240 N. W. 27th Ave., Miami, Fla.; George T. Baker, pres.; Walter Sternberg, vice pres.-sales; 6 DC-4s, 5 DC-6s, 3 C-46s, 11 Lodestars (8 DC-6Bs); ADO—N. Y., Fla., Me., Wash. D. C., Va., N. C., E. C., Ga., Ala., Miss., La., through interchange with Capital also serves Great Lakes area and with Delta and American to Calif.; AIO—Cuba, CD-CI-P.
- NATIONWIDE AIRLINES, Detroit City Airport, Detroit, Mich.; John Y. Wessner, pres.; Lloyd W. Hartman, air cargo mgr.; 2 DC-3s; ADO—Michigan; CC-CD-P.
- NORFOLK-CAPE CHARLES AIRLINES, Norfolk Municipal Airport, Norfolk, Va.; C. S. McCallum, pres.; James E. Merritt, air cargo mgr.; 2 Stinsons; ADO—Norfolk-Newport News-Cape Charles, Va.; CC-CD-P.
- NORTHEAST AIRLINES, Logan Airport, Boston, Mass.; George E. Gardner, pres.; Warren E. Smith, mgr. of sched. & tariff; 7 DC-3s, 5 Convals; ADO—Me., Vt., N. H., Mass., Conn., N. J., N. Y.; AIO—Canada; CC-CI-P.
- NORTHERN CONSOLIDATED AIRLINES, Box 1439, Anchorage, Alaska; Raymond L. Petersen, pres.; C-P.
- NORTHWEST AIRLINES, 1816 University Ave., St. Paul, Minn.; Croll Hunter, pres.; James W. Mariner, dir. of cargo sales; 10 Stratocruisers, 23 DC-4s, 4 DC-3s; ADO—N. Y., Mich., Ill., Wis., Minn., N. D., Mont. Ore., Wash., Pa., Wash. D. C., Ohio, Alaska, Hawaii; AIO—Canada, Aleutians, Japan, Philippines; service to China, Korea temporarily suspended; CC-CD-CI-P.
- OZARK AIR LINES, Lambert Field, St. Louis 21, Mo.; Laddie Hamilton, pres.; 8 DC-3s; ADO—Mo., Ill., Ky., Tenn., Ark., Okla., Kan., Ia., Ind.; CD-P.
- PACIFIC NORTHERN AIRLINES, Anchorage, Alaska; A. G. Woodley, pres.; 7 DC-3s, 7 DC-4s; C-P.
- PAN-AMERICAN-GRACE AIRWAYS, 135 E. 42nd St., N. Y.; Andrew B. Shea, pres.; Howard E. Willard, cargo sales mgr.; 9 DC-3As, DC-3C, 4C-54Bs, DC 6 DC-6s; AIO—Panama, Colombia, Ecuador, Peru, Bolivia, Chile, Argentina, Brazil; CC-CI-P.
- PAN AMERICAN WORLD AIRWAYS, 135 E. 42nd St., N. Y.; Juan T. Trippe, pres.; John E. Muhfeld, gen. sales mgr.; 19 Stratocruisers, 52 DC-4s, 9 C-46s, 13 Constellations, 9 DC-3s, 15 Convals (18 DC-6Bs); AIO—World-wide.
- PAN-MARYLAND AIRWAYS, Munic. Airport, Baltimore, Md.; G. B. Fenwick, Jr., pres.; 3 Bonanzas, Cessna, Seabee; AO—Md.; C-P.
- PARKS AIR LINES, Parks Metropolitan Airport, East St. Louis, Ill.; Oliver L. Parks, pres.; Paul T. Rogers, sales-traffic dir.; 6 DC-3s; ADO—Ill.; C-P.
- PECK & RICE AIRWAYS, Box 1631, Bethel, Alaska; J. R. Peck, W. H. Rice, props.
- PIEDMONT AIRLINES, Smith Reynolds Airport, Winston-Salem, N. C.; T. H. Davis, pres.; N. K. Arnold, cargo mgr.; 9 DC-3s; ADO—N. C., S. C., Tenn., W. Va., Va., Ky., Ohio; CD-P.
- PURDUE AERONAUTICS CORP., Purdue Univ. Airport, West Lafayette, Ind.; Cessnas.
- PIONEER AIR LINES, Box 1318, Houston 17, Tex.; Robert J. Smith, pres.; Harding L. Lawrence, vice pres. traffic & sales; 9 DC-3s, 2 C-47s; ADO—Tex., N. M.; CC-CD-P.
- REEVE ALBUQUERQUE AIRWAYS, 436 D St., Anchorage, Alaska; Robert C. Reeve, pres.; 5 light planes; C-P.
- RESORT AIRLINES, Box 542, International Airport Branch, Miami, Fla.; L. C. Burwell, Jr., pres.; R. A. Miller, cargo mgr.; 3 DC-3s, 2 C-46s; ADO—N. Y., N. J., Pa., Fla., Mich., Ill.
- RIDDLE AVIATION, Box 4632, Coral Gables, Fla.; John Paul Riddle, pres.; 5 C-46s; N. Y., N. J., Fla., Puerto Rico; CD.
- ROBINSON AIRLINES, East Hill Airport, Ithaca, N. Y.; E. V. Underwood, pres.; J. L. Starkweather, supt. of stations; 9 DC-3s; ADO—N. Y., N. J.; CD-P.
- SLICK AIRWAYS, 3090 N. Clayburn Ave., Burbank, Calif.; Thomas L. Grace, pres.; M. C. Wilkin, gen. sales mgr.; 21 C-46s, 2 DC-6As, Lodestar (4 DC-6As); AO—Calif., Ariz., Tex., Mo., Ohio, Ill., Ind., Ky., Pa., Me., Mass., Conn., N. Y., N. J., R. I., Wash. D. C., Va., Del., Md.; C.
- SOUTHERN AIRWAYS, Municipal Airport, Birmingham, Alabama; Frank W. Hulise, pres.; Tom D. Eys, vice pres.-traffic & sales; 10 DC-3s; ADO—Ala., Ga., N. C., S. C., La., Tenn., Miss., Fla.; P.
- SOUTHWEST AIRWAYS, San Francisco Airport, South San Francisco, Calif.; John H. Connelly, pres.; Michael E. Cole, cargo mgr.; 10 DC-3s; ADO—Calif., Ore.; CC-CD-P.
- TRANS-PACIFIC AIRLINES, King St., Honolulu, T. H.; R. F. Tongue, pres.; R. H. King, gen. traf. mgr.; 5 DC-3s; ADO—Hawaii; C-P.
- TRANS-TEXAS AIRWAYS, Municipal Airport, Houston, Tex.; R. E. McKaughey, pres.; Paul Welch, cargo mgr.; 10 DC-3s; ADO—Texas; CD-P.
- TRANS WORLD AIRLINES, 630 Fifth Ave., N. Y.; Ralph S. Damon, pres.; S. F. Russ, dir. of cargo sales; 66 Constellations, 14 DC-4s, 61 DC-3s, 12 Martin 2-0-2s (10 Super Constellations, 49 Martin 4-0-4s); ADO—Mass., N. Y., N. J., Wash. D. C., Md., Del., Pa., W. Va., Ohio, Ind., Ill., Kan., Tex., N. W. Ky., Mo., Ariz., Calif.; AIO—Newfoundland, Azores, Bire, France, Switzerland, Portugal, Spain, Italy, Greece, Algeria, Tunisia, Iraq, Egypt, Israel, Saudi Arabia, India, Germany; CC-CD-CI-P.
- TURNER AERONAUTICAL CORP., ROSCOE, Munic. Airport, Indianapolis; Col. Roscoe Turner, pres.; 5 DC-3s, 3 A-35s.
- U. S. AIRLINES, Munic. Airport, Atlanta, Ga.; Harry R. Playford, pres.; 5 C-46s; AO—Fla., Ga., Ala., La., Miss., Ohio, Ill., Mich., Wis., Ind., Minn., N. Y., N. J., Pa., Md., Conn., R. I., Wash. D. C., Del., Va.; C-P.
- UNITED AIR LINES 5559 S. Cicero Ave., Chicago, Ill.; W. A. Patterson, pres.; E. L. Dare, mgr. cargo sales; 56 DC-3s, 23 DC-4s, 42 DC-6s, 7 DC-6Bs, 7 Stratocruisers; ADO—Mass., R. I., Conn., N. Y., N. J., Md., Pa., Ohio, Mich., Ind., Ill., Wis., Ia., Neb., Colo., Wyo., Utah, Ida., Wash. Ore., Calif., Nev., Wash. D. C., Hawaii; AIO—Canada; CC-CD-CI-P.
- WEST COAST AIRLINES, Boeing Field, Seattle, Wash.; Nick Rex, pres.; W. R. England, gen. mgr.—traffic & sales; 6 DC-3s; ADO—Western Wash., Ore.; CD-P.

(Continued on Page 52)

FOREIGN AIRLINES OF THE WORLD

KEY TO SYMBOLS: AO—Area of Operations; C—Cargo; P—Passengers; X—No Information. Aircraft shown in parentheses indicate they are on order or in the process of modification.

- AB AEROTRANSPORT, Bromma Airport, Stockholm 40, Sweden; 15 DC-3s, 3 DC-4s, 3 C-47s (3 Stratocruisers, 10 SAAB Scania); AO—Europe, Near East, North and South America; C-P.
- ADEN AIRWAYS, Khormaksar, Aden, Aden; R. deGraaf Hunter, mgr.; 6 DC-3s; AO—Red Sea area, Nairobi, Cairo, Khartoum, India; C-P.
- AER LINGUS, 43 Up, O'Connell St., Dublin M. 8, Ireland; R. T. McCarron, Cln. 14 DC-3s, Consul; AO—Europe; C-P.
- AERO GBR LTD, Avenida Franklin Roosevelt 154, Rio de Janeiro, Brazil; 4 PBys, 3 C-46s; AO—Brazil.
- AERO HELLAS, 6 St. George Kyriaki Sq., Athens, Greece; J. Sakellion, pres.; 7 DC-3s; AO—Greece; C-P.
- AERO O/Y, Maanrevikstrasse, Helsinki, Finland; Gen. L. Grandell, mng. dir.; 5 DC-3s; AO—Finland, Sweden, Denmark, Holland; P.
- AERO PORTUGUESA LDA, 129 Ave. da Liberdade, Lisbon, Portugal; Antonio de Medeiros e Almeida, mgr.; DC-3, Lockheed 18; AO—Portugal-Moreoco; C-P.
- AERO TRANSPORTE ECUATORIANI, C. A., Guayaquil, Ecuador; AO—Ecuador; C-P.
- AERO TRANSPORTES S. A., Dolores No. 3-905, Mexico City, Mexico; Romulo O'Farrell, Jr., pres.; 3 DC-4s, 6 DC-3s, & 6 Beechcraft; AO—Mexico, U. S.; C-P.
- AERO TRANSPORTES DE SONORA, S. A., Edificio Ferreira, Desp. 1, Hermosillo, Sonora, Mex.; AO—Mexico; C-P.
- AEROFOTOS LIMITADA, Barranquilla, Colombia; 3 Lodestars; AO—Colombia.
- AEROLINEAS ARGENTINAS, Paseo Colon 135, Buenos Aires, Argentina; Rodolfo Mujica, mgr.; 5 DC-6s, 10 DC-4s, 5 Convals, 3 Avro Yorks; AO—Paraguay, Uruguay, Arg., Chile; C-P.
- AEROLINEAS ARGENTINAS FAMA, Calle Lavalle 648, Buenos Aires, Arg.; D. W. Van Layden, gen. mgr.; 10 DC-4s, 6 DC-6s, 7 Yorks, 5 Convals; AO—Latin America, Europe, U. S.; C-P.
- AEROLINEE ITALIANE INTERNAZIONALI—See ALITALIA.
- AEROMAS, Elisabethville, Belgian Congo; Martinet NC-761, AEROMAS DE MEXICO, S. A., Balcera 44, Mexico City, Mex.; A. D. Lombardo, pres.; 5 DC-3s, C-47, C-54; AO—Mex., U. S.; C-P.
- AEROPOSTA ARGENTINA, S. A., Ave. Julio A. Roca 619, Buenos Aires, Arg.; AO—Chile, Parag., Uruguay; C-P.
- AEROTAXI LTDA, Calle 13, No. 13-60, Bogota, Col.; Norseman, Cessna 170, 1 Cessna 195.
- AEROVIA S. A. DE MINAS GERAIS, Rua Tambois, 36, Belo Horizonte, Minas Gerais, Brazil; Israel Pinheiro, pres.; Fiat G-2, 3 Reliant; AO—Brazil; C-P.

(Continued on Page 53)

U. S. IRREGULAR CARRIERS

(Continued from Page 49)

WILLOW RUN FLIGHT SERVICE, INC., Willow Run Airport, Ypsilanti, Mich.
 WILSON AVIATION, E. D. 2, New Castle, Pa.
 WILSON CHARTER SERVICE, 438 N. Grandview Ave., Daytona Beach, Fla.
 WILSON FIELD, INC., Rte. 3, Box 146A, Wichita, Kan.
 WILSON FLYING SERVICE, INC., Box 1529, Focastello, Ida.; E. M. Wilson, pres.; 2 Cessna 170s, 4 Aerona 7ACs, Luscombe SE, Cessna 120, BT-13; AO—Idaho; C-P.
 WILSON FLYING SERVICE, 813 N. Mulberry St., Dexter, Mo.
 WIN AIR SERVICE CO., INC., Hancock Field, Syracuse 8, N. Y.
 WINDHAM AIRWAYS, INC., Windham Airport, Willimantic, Conn.
 WINDLE AVIATION CO., Millbury, Mass.; W. W. Windle, pres.; Cessna 140, Stinson 165; AO—New England; C-P.
 WINGED HEART FLYING SERVICE, Box 476, Effingham, Ill.
 WINGS, INC., Wings Field, Ambler, Pa.
 WINGS, INC., 222 Richards Rd., Kansas City, Mo.
 WINGS SERVICE, INC., Wood Co. Airport, P. O. Box 1878, Parkersburg, W. Va.
 WINSLOW FLYING SERVICE, 310 W. 4th St., Winslow, Ariz.
 WISCONSIN VALLEY AIRPORT, INC., Box 323, Wausau, Wis.
 WISENER, BRYCE C., 625 W. Kilpatrick St., Mincola, Tex.
 WITCHER FLYING SERVICE, Box 323, Georgetown, S. C.; P. E. Witcher, pres.; Super Cruiser; AO—X; F.
 WITT, ALTON C., Box 75, Lake City, Fla.
 WITTERS FLYING SERVICE CO., Muncie Airport, Box 268, Renton, Wash.
 WITTMAN, S. J., Winnebago Cy. Airport, Oshkosh, Wis.
 WOLVERINE AIR SERVICE, Comstock Park, Mich.
 WOLVERINE AIR TRANSPORT, INC., Detroit City Airport, Detroit, Mich.
 WOODBURY AIRPORT, INC., Mantua Pike, Woodbury, N. J.
 WOODRING FLYING SERVICE, INC., Box 1146, Enid, Okla.; Vega, Stinson 150, BT-13, Bonanza, 2 Cessna 120s, 2 Cessna 140s (Cessna 170); AO—Okla.; P-I.
 WOOD RIVER FLYING SERVICE, Halley, Ida.; Robert E. Savaris, pres.; Waco YKS, Aerona 11-AC; AO—U. S.; C-P.
 WOODRUM FLYING SERVICE, Woodrum Field, Box 1088, Roanoke, Va.
 WOODS, W. M., 4894 Bond St., Boise, Ida.
 Woodward FLYING SERVICE, Woodward, Okla.
 WORLAND FLYING SERVICE, Box 692, Worland, Wyo.
 WORTH, JOHN RAYMOND, Olive St., Florence, N. J.
 WRIGHT AERO AGRICULTURE CO., INC., Box 357, Clito, S. C.
 WRIGHT AIRWAYS, Box 3005, West Palm Beach, Fla.
 WYATT, J. S., 760 Water St., Meadville, Pa.
 WYOMING AIR SERVICE, Box 442, Rock Springs, Wyo.
 WYOMING FLYING SERVICE, INC., Box 14, Evansville, Wyo.
 WYOMING SKYWAYS, INC., Box 219, Muncie Airport, Cheyenne, Wyo.; Lyle R. Rosendahl, pres.; 2 Cessna 170s, 2 Cessna 140s; AO—U. S.; C-P.

WYOMING WESTERN AIRWAYS, Evanston or Kemmerer, Wyo.; Lawrence R. Modula, pres.; Cruiser, BT-13 (Twin Cessna); AO—U. S.; C-P-E.

XENIA AVIATION CO., Fort Xenia, Xenia, O.

YADKIN VALLEY FLYING SERVICE, INC., Box 646, N. Wilkesboro, N. C.
 YANKEE AIRWAYS, Box 868, Portsmouth Munic. Airport, Portsmouth, N. H.
 YANNITELLI DONATO, JR., Garrison-on-Hudson, N. Y.
 YAZOO AIR SERVICE, Rt. 2, Box A4, Yazoo City, Mich.
 YELLOWSTONE SCENIC AIRWAYS, Box 902, Livingston, Mont.; Livingston Tracy, pres.; AO—U. S.; 9 small planes (1 small plane); C-P-S-I.
 YINGLING AIRCRAFT, INC., Muncie Airport, Wichita, Kan.
 YONGE FLYING SERVICE, LAURIE, Rt. 2, Box 3121, Jacksonville, Fla.
 YORK AIR SERVICE, P. O. Box 313, York, Neb.
 YORKTOWN FLYING SERVICE, Yorktown Airport, Yorktown, Ind.
 YOUNG AIR SERVICE, Box 101, Fort Bragg, Calif.
 YOUNG'S FLYING SERVICE, Box 64, Wildwood Airport, Rio Grande, N. J.
 YOUNGSTOWN AIRWAYS, INC., Muncie Airport, Youngstown, O.

ZAHN-HOFFMAN-LOONEY, INC., Zahn's Airfield, Amityville, N. Y.
 ZANTOP FLYING SERVICE, Reynolds Field, Jackson, Mich.
 ZENITH CITY AIR SERVICE, Municipal Airport, Duluth, Minn.
 ZIA AIRWAYS, Box 1508, Tama, N. M.; Robert J. Lukas, prop.
 ZIMMERLY AIR TRANSPORT, Box 288, Lewiston, Ida.
 ZUMA, ANTHONY, 3133 Howard Drive, Houston, Tex.

U. S. SCHEDULED AIRLINES

(Continued from Page 51)

WESTERN AIR LINES, 6040 Avion Drive, Los Angeles, Calif.; Terrell C. Drinkwater, pres.; M. H. Sullivan, dir. of traff.; 10 DC-3s, 8 DC-4s, 10 Convair Liners (8 DC-6Bs); ADO—Ariz., Calif., Colo., Ida., Minn., Mont., Neb., Nev., Ore., S. D., Utah, Wash., Wyo. AIG—Canada; CC-CD-CI-F.
 WIEN ALASKA AIRLINES, Box 649, Fairbanks, Alaska; Sigurd Wien, pres.; 2 DC-3s, 2 Boeings, 17 light planes; O-P.
 WIGGINS AIRWAYS, E. W., Norwood, Mass.; Joseph Garalde, pres.; 5 Cessnas, UC-78s; ADO—Mass., N. H., Conn., N. H.; P.
 WISCONSIN CENTRAL AIRLINES, Muncie Airport, Madison, Wis.; Francis M. Higgins, pres.; 6 DC-3s; ADO—Wis., Ill., Mich., Minn.; CD-F.

*To inaugurate operations.

P. J. BRADY, President

J. CARROLL SHERIDAN, Treasurer



AIR-FREIGHT DELIVERY SERVICE, Inc.

Airport and General Deliveries

25 BEAVER STREET

NEW YORK 4, N. Y.

Whitehall 4-4040
4-4063

Customs House License No. 1

Cable Address: "BIDOC"

Telephone WH 3-3180

BAKER, IRONS & DOCKSTADER, INC.

INTERNATIONAL FREIGHT BROKERS AND CONTRACTORS

CUSTOM HOUSE BROKERS

FORWARDERS FMB No. 319



8-10 BRIDGE STREET

NEW YORK 4, N. Y.

327 SOUTH LA SALLE STREET
CHICAGO 4, ILLINOIS

FOREIGN AIRLINES

(Continued from Page 51)

- AEROVIOS CONTRERAS**, 105 Mex. Ave. Box 212, Tijuana, B.C. Mex.; Manuel Contreras, gen. mgr.; 3 DC-3s, C-46, 3 Avro Anson IVs; AO—Lower Calif. Mex.; C-F.
- AEROVIOS GUEST**, Paseo de la Reforma 95, Mexico, D. F.; W. Guest, pres.; 4 DC-4s; AO—Mex., U. S. Spain; C-F.
- AEROVIOS LATINO AMERICANAS**, S.A., Villa Hermosa, Tabasco, Mex.; L. R. Daniels, gen. mgr.; 2 DC-3s, 5 Stinsons; AO—Mex.
- AEROVIOS NACIONALES DE COL.**, Parque de Santander, Bogotá, Colombia; Jorge R. Hoyos, pres.; 3 DC-4s, 18 DC-3s, 6 C-47s, 2 PBYSAs, 3 C-46s (2 Lockheed 349As); AO—Col., Panama, Ecuador, Venezuela, Guad., C-F.
- AEROVIOS NACIONALES DEL SUR**, Lima, Peru; ? Comandos; AO—Peru; C-F.
- AEROVIOS OCCIDENTALES**, S. A., San Jose, Costa Rica; 3 Boeing 147Ds, Norasman; AO—Costa Rica; C-F.
- AEROVIOS "Q."**, S.A.; Cienfuegos 75 Havana, Cuba; Manuel Quevedo, Jr., pres.; 11 C-47s (3 DC-4s); AO—Cuba, U. S. Mex.; C-F.
- AEROVIOS REFORMA**, S. A., Ave. Paseo de la Reforma 5, Mexico City; C. S. Oriani, pres.; 12 DC-3s, DC-2, 6 Boeing 247s, 4 Ansons (DC-3, 4 Avro MkVIs); AO—Mex.; C-F.
- AEROVIOS VENEZOLANAS**, S. A., Chorro a Dr. Díaz, Edif. Banco Unión, Piso 2, Apto. 23, Caracas, Venez.; H. L. Boulton, pres.; 15 DC-3s, C-47, 2 DC-4s, Electra; AO—Venez.; C-F.
- AEROVIOS VENEZOLANAS EUROPA**, Edificio La Ceiba, 5 Piso, Caracas, Venez.; Col. J. Marciano, pres.; 1 DC-4s; AO—Venez.; C-F.
- AIR CEYLON**, Lotus Rd., Fort Colombo, Ceylon; 6 DC-3s; AO—India, Ceylon, U. K., Singapore, Australia.
- AIR CONGO**, Albertville, Belg. Congo AO—Elisabethville to Angola.
- AIR FRANCE**, 2 rue Marbeuf, Paris, 8e, France; M. Hyman, pres.; 19 Constellations, 23 DC-4s, 33 DC-3s, 13 Languedocs, 13 JU-52s (4 L-749As); AO—world-wide; C-F.
- AIR INDIA**, INTERNATIONAL LTD., New India Assurance Bldg., Bombay, India; J. R. D. Tata, chm.; 3 Constellations (3 Constellations); AO—India, U. K., Kenya; C-F.
- AIR-INDIA LTD.**, New Assurance Bldg., Bombay, India; J. I. D. Tata, chm.; 15 DC-3s, 7 Vikings; AO—India, Pakistan, Ceylon; C-F.
- AIR MALTA LTD.**, 60 South St., Valetta, Malta; ? DC-3s, ? Constella; ? Doves; AO—Mediterranean; C-F.
- AIR SERVICE OF INDIA**, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

DOHERTY AIR SERVICES, LTD., Gravenhurst, Muskoka, Ont., Canada; AO—Ontario.

EAGLE AIRLINES, Teheran, Iran; AO—Iran; C-P.

EAST AFRICAN AIRWAYS CORP., Delamere Ave., Nairobi, Kenya; Cpt. M. Sorbie, gen. mgr.; 14 Lodestars, 3 Doves, 5 Dominos; AO—East Africa; C-P.

EAST-WEST AIRLINES, Tamworth, N. S. W., Australia; AO—Australia; C-P.

EL AL ISRAEL NATIONAL AIRLINES, 13 Rothschild Blvd., Tel Aviv, Israel; 4 DC-4s, 2 Constellations, 7 C-46s; AO—Irael, U. S., Europe; C-P.

EMPRESA DE TRANSPORTES AEROVIAIS BRASIL, S. A., Ave. Apuleio Borges 123, Rio de Jac., Brazil; C-P.

ETHIOPIAN AIR LINES, INC., Box 1755, Addis Ababa, Ethiopia; Lij Yilma Deressa, gen. mgr.; 3 Convair-Liners, 3 C-47s, Norseman; AO—Ethiopia, Fr. Semalland, Aden, India, Egypt, Eritrea, Kenya, Sudan; C-P.

EXPRESSO AEREO INTERAMERICANO, S. A., 204 Prado St., Havana, Cuba; R. M. Guanche, pres.; 3 DC-3s, 2 C-47s, 4 Lodestars, 3 C-46s; AO—Cuba, Carib., Isle of Pines, U. S.; C-P.

FLOAT AEREA MERCANTE ARGENTINA (See Aerolineas Argentinas FAMA).

FLUGFELAG ISLANDS, H.F.—Reykjavik Airport, Reykjavik, Iceland; 3 DC-3s, 2 PBV-5As, Rapide, Grumman Goose, D-39, Norseman; AO—Iceland, Britain, Scandinavia; C-P.

GIBRALTAR AIRWAYS, LTD., Cloister Bldg., Gibraltar; Sir George Gurnea, pres.; 3 Raiders; AO—Gib., Tangier; C-P.

GARUDA INDONESIAN AIRWAYS N. V., Djalan Nusantara 15, Djakarta; E. van Konijnenburg, gen'l mgr.; 23 Dakotas, 8 Catalinas, 3 Convair Liners; AO—East Indies, Philippines.

GRASHDANSKI POSUCHNY FLOT (See Civil Air Fleet Administration).

GREEK AIRLINES TAB—See Technical & Aeronautical Exploitations Co., Ltd.

GUINSEY AIRWAYS (See British European Airways).

GUILLELMO TABOADA, Merida, Mex.; AO—Mex.; C-P.

GUINEA AIRWAYS, Airways House, 132 N. Terrace, Adelaide, Australia; G. H. Archibald, pres.; 3 DC-3s, Lockheed 14; AO—S. Asia; C-P.

HELLENIC AIRLINES, S. A., 6 St. George Karytis Sq., Athens; 6 C-47s, 3 Liberators, Skymaster.

HIMALAYAN AVIATION, LTD., Calcutta, India; 7 C-47s, Saab Safir; AO—India; C-P.

HONG KONG AIRWAYS, LTD., 15 Pedder St., Hong Kong; 3 DC-3s; AO—Hong Kong, China; C-P.

INDAMER CO., LTD., Bombay, India; 6 DC-3s, 4 Bonanzas, 3 Super Cruisers; AO—India; C-P.

INDIAN OVERSEAS AIRLINES, LTD., Mayfair, Churchgate St., Fort India; J. M. Akhayer, gen'l mgr.; 15 DC-3s, 2 Sentinels, Skymaster, 4 Proctor Va, 15 Noorduyne; AO—Sched., India; non-sched., world-wide; C-P.

IRANIAN AIRWAYS CO., Ave. Shah Reza, Teheran, Iran; A. A. Heikmat, pres.; 3 DC-3s, Brequet, 2 C-61-2s, 3 Doves; AO—Middle East, Greece, Italy, France; C-P.

IRAQI AIRWAYS, Baghdad, Iraq; Saban el Said, mgr.; 3 Vikings, 3 Doves; AO—Iraq, Iran, Syria, Lebanon, Turkey, Egypt, Bahrain, Kuwait, Cyprus, Greece, Italy, France, U. S.; C-P.

IRISH AIR LINES (See Aer Lingus).

JAMAIR CO., Jamnager, India; 2 DC-3s, UC-64; AO—India; C-P.

JERSEY AIRWAYS, LTD., 23 Charing Cross, St. Heller, Jersey; AO—U. K.—Channel Is.; C-P.

JUGOSLOVENSKI AEROTRANSPORT, Belgrade, Yugoslavia; AO—Yugoslavia, Albania; C-P.

JUPITER AIRWAYS, Madras, Ind.; 7 DC-3s; AO—India; C-P.

KALINGA AIRLINES, Calcutta, India; 6 DC-3s, PB-Y, L-5; AO—India; C-P.

KLM (See Koninklijke Luchtvaart Maatschappij voor Nederland en Koloniën N. V.).

KONINKLIJKE LUCHTVAART MAATSCHAPPIJ VOOR NEDERLAND EN KOLONIEN N. V., Budhuisweg 260, Box 131, The Hague, Netherlands; Albert Plesman, pres.; 20 C-47s, 17 Constellations, 4 DC-4s, 6 C-54s, 7 DC-3s, 12 Con. Vultee 240; AO—Europe, Carib., U. S., N. E. I.; C-P.

LANS (See Lineas Aereas Nacionales, S. A.).

LEAVENS BROS. AIR SERVICES, LTD., Barker Airport, Toronto, Ontario, Canada; W. T. Leavens; 3 Cessna Cranes, 3 Rep. Seabees, Fox Moth, 13 Aeronaics, 4 Piper J3s, Cessna 140, Pitalair Autogyro, Luscombe Model 8A, Piper J5; AO—Ont.; C-P.

LEAVENS (NORTHERN) LTD., Barker Airport, Toronto, Canada; AO—N. Ontario.

LIBERIAN INTERNATIONAL AIRWAYS, LTD., Robertsfield, Harbel, Liberia; AO—Lib., Fr. W. Afr.; C-P.

LINEA AEREA AL NOR-ESTE, Corrientes 480, Buenos Aires, Arg.; AO—Arg., C-P.

LINEA AEREA AL SUD OESTE, Corrientes 480, Buenos Aires, Arg.; AO—Arg., C-P.

LINEA AEREA DE TRANSPORTE NACIONAL, Ministerio de Defensa Nacional, Asuncion, Paraguay; AO—Paraguay; C-P.

LINEA AEREA NACIONAL, Agustinas 1155, Santiago de Chile; J. de Villar Araya, exec. vice pres.; 4 Martin 2-0-2s, 12 Doves, 4 DC-3s, 4 Lodestars, 6 Electras, 3 Beechcraft; AO—Chile; C-P.

LINEA AEREA TACA DE VENEZUELA (Part of TACA Airways System), Caracas, Venez.; A. M. Gomez, pres.; 25 DC-3s; AO—Venez., Bogota; C-P.

LINEA AEROPORTAL VENEZOLANA, Bloque No. 1, El Silencio, Caracas, Venez.; Guillermo Pacanins, pres.; Constellations, DC-3s, 3 As. C-47s, Martin 2-0-2s; AO—Aruba, Port of Spain, Boa Vista, Havana, New York; C-P.

LINEAS AEREAS COSTARRICENSES, San Jose, Costa Rica.

LINEAS AEREAS DE NICARAGUA, S. A., Managua, Nicaragua; Guillermo Nucia, gen. mgr.; 4 C-47s, Boeing 247; AO—Nicaragua; C-P.

LINEAS AEREAS DE PANAMA, S. A., National Airport, Tocuman, Panama; AO—Panama; C-P.

LINEAS AEREAS DEL ESTADO, Corrientes 480, Buenos Aires, Arg.; 6 DC-3s, Vikings; AO—Arg., Para.; C-P.

LINEAS AEREAS MEXICANAS, S. A., Paseo de la Reforma, Mex. City, Mex.; J. P. Bonalle, pres.; 5 DC-3s, C-47; AO—Mexico; C-P.

LINEAS AEREAS NACIONALES, S. A., Calle 34 Nos. 40-46, Barranquilla, Colombia; Karl C. Parrish, Jr., chrmn.; 25 DC-3s, 2 DC-4s, 5 C-46s; AO—Col.; C-P.

LINEAS AEREAS TACA DE COLOMBIA (Part of TACA Airways System), Edificio TACA, Bogotá, Colombia; A. G. Picon, pres.; 4 DC-3s, 3 Lodestars (6 DC-3s, 2 DC-4s); AO—Col., Costa Rica, W. W. So. Amer.; C-P.

LINEE AEREE ITALIENNE, Viadell Tritone 123, Rome, Italy; Marcantonio Facelli, pres.; 16 C-47s, 2 DC-6s; AO—Italy, Egypt, Greece, Israel, Spain, Tunisia, Turkey; C-P.

LLOYD AEREO BOLIVIANO, S. A., Calle San Martin (Edif. Hotel Bolivar) Casilla 122, Cochabamba, Bolivia; Carlos Diles de Medina, Pres.; 5 DC-3As, 3 C-47s, 3 C-46s, 3 B-17s; AO—Bolivia; C-P.

LOFTLEIDER, H. F. (The Icelandic Airlines), Lackjargata 2, Reykjavik, Iceland; 1 DC-4, Anson, Norseman, PBV-5A, 3 Gooses; AO—Iceland, Denmark, Britain, U. S.; C-P.

MAC ROBERTSON-MILLER AVIATION CO. LTD., 194 St. Georges Terrace, Perth, Australia; H. C. Miller, mgr. dir.; 2 DC-3s, Lockheed 10A, 6 Ansons; AO—Perth-Darwin; C-P.

MACAU AIRTRANSPORT CO., Hotel Riviera, Macau, Port. China; AO—Port. China, Hong Kong; C-P.

MALAYAN AIRWAYS, LTD., Ocean Bldg., Singapore, Malaya; K. N. Chinn, Chm.; W. B. Conner, C-P.

MARINE AIRWAYS, Ltd., 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

FOREIGN AIRLINES—Continued

SAUDI ARABIAN AIRLINES, Jidda, Saudi Arabia; 13 DC-3s, 5 Wayfarers, 4 Lodestars; AO—Saudi Arabia, Egypt, Lebanon, Syria; C-P.

SABENA BELGIAN AIRLINES, 145 Rue Royale, Brussels, Belgium; G. Perier, dir.; 5 DC-6s, 9 DC-4s, 23 DC-3s, 6 Convair Liners, 23 C47s, 3 JU-52s, 3 Lockheeds, 1 Helicopter (2 Convair Liners); AO—Europe, Africa, Middle East, N. Amer.; C-P.

SCANDINAVIAN AIRLINES SYSTEM (SAS) is a combine of Danish Air Lines, Norwegian Air Lines, and Swedish International Airlines, Bromma Airport, Stockholm, Sweden; P. A. Norlin, pres.; 12 DC-3s, 2 DC-4s, 23 DC-3s, 3 Sandringham Flying Boats, 2 Junkers (10 Scandinas); AO—Europe, Far East, N. Africa, N. America, U. S.

SCOTTISH AIRLINES, Prestwick Airport, Ayrshire, Scotland; J. A. Dobson, gen. mgr.; 2 Dakotas, 2 Liberators, Rapides, Oxford; AO—harder everywhere; C-P.

SCOTTISH AIRWAYS, LTD., Airport for Glasgow, Renfrew, Scotland; Sir Steven Bilsland, chm.; 3 DC-3s, 19 Rapides; AO—Scotland; C-P.

SERVICE DES TRANSPORTS AERIENS REGIONAUX, Costermansville, Belgian Congo; 2 Oxfords; AO—Belgian Congo; C-P.

SERVICIO AEREO DE HONDURAS S. A., Ave. Colon y Cuarta Calle, Tegucigalpa, Honduras; Carlos Izquierdo, pres.; 4 DC-3s; AO—Honduras; C-P.

SERVICIO AEREO LEOPOLDO LOPEZ T., Urueta 2205, Chihuahua, Chihuahua, Mexico; AO—Mex.; C-P.

SERVICIO AEREO PANINI S. A., 5 De Mayo 7, Mexico City, Mex.; C. Panini, pres.; DC-3, 3 DC-3s, 4 Ansons, 4 Travelairs; AO—Mex.; C-P.

SERVICIOS AEROS GUATEMOC, Guatemala 58, Mex. City, Mex.; AO—Mex.

SERVICIOS AEROS CRUZEIRO DO SUL, LTD., Av. Rio Branco 125, Caixa Postal 190, Rio de Janeiro, Brazil; AO—Brazil; C-P.

SERVICIOS AEROS NACIONALES, Apartado 1715, Mex. City, Mex.; J. Tilghman, pres.; 3 Bellanca, Cessna, Ford; AO—Mex.; C-P.

SEVERN ENTERPRISES LTD., 444 Confederation Life Bldg., Toronto, Canada; AO—NW Ontario.

SHAVE, WALTER F., Kapuskasing, Ont., Canada; AO—NW Canada.

SIAMSE AIRWAYS CO. LTD., 6 Lan Luang Rd., Bangkok, Siam; DC-3, Bonanza, Bearwin, Norseman; AO—Far East; C-P.

SINO-SOVIET AVIATION CORP. (Also at Urumchi, U.S.S.R.), Thura, China; AO—China-U.S.S.R.; C-P.

SKY HARVESTERS LTD., 123 SERVICE, Huron Cy. Airport, Goderich, Ont., Canada; Keith Hopkinson, prop.; Anson V, Cessna T-50, Republic R.C.-3, Stinson 105, De Havilland DH 32, Piper J-3; AO—Canada, U. S.; C-P.

SKYWAYS LIMITED, Dunsfold Aerodrome, Surrey; Capt. R. J. Ashley, mg. dir.; 4 DC-4s, 3 Yorks, 3 Lancastrians, 3 DC-3s, 3 Doves; AO—World-wide; C-P.

SOBELAIR, 127 Rue Royale, Brussels, Belgium; G. Claeys, pres.; 5 DC-3s; AO—Europe, Asia, Africa; C-P.

SOCIEDAD AEREA DEL TOLIMA S. A., Calle 14 No. 15-83, Bogota, Colombia; 3 DC-3s, 2 C-47s; AO—Colombia; C-P.

SOCIEDAD COLOMBIANA DE TRANSPORTES AEREOS, Avenida Jimenes 11-25, Bogota, Colombia.

SOCIEDADE ACOREANA DE TRANSPORTES AEREOS, Santa Ana Airport, Sao Miguel, Azores; 3 DH-104s; AO—Azores; C-P.

SOCIEDADE ANONIMA VIACAO AEREA GAUCHA, Rio Grande, Brazil; 3 DC-3s; AO—Brazil; C-P.

SOCIETA ITALIANA SERVIZI AEREI, Piazza San Antonio 1, Trieste; AO—Europe, Near East; C-P.

SOCIETA TRANSADRIATICA DI NAVIGAZIONE AEREA, Via Enrico Dandolo 37, Venice, Italy; AO—Italy, Germany, Hungary; C-P.

SOCIETE AERIENNE INTERNATIONALE D'EGYPTE, 37 Malika Farida St., Cairo, AE—Egypt, Italy; C-P.

SOCIETE AERONAUTIQUE ET COMMERCIALE AIR NOLIS (See Air Nolis).

SOCIETE INDOCHINOISE DE TRANSPORTS AERIENS, 5 Quai le Mayre de Villers, Saigon, Indochina.

SOCIETE TUNISIENNE DE L'AIR (See Tunis Air).

SOCIETATEA DE TRANSPORTURI AERIENE ROMANO-SOVIETICA (See TARS-Roumanian Air Lines).

SOCIETE ANONYME BELGE D'EXPLOITATION DE LA NAVIGATION AERIENNE (See SABENA Belgian Airlines).

SOCIETE LUXEMBOURGEOISE DE NAVIGATION AERIENNE, 15 Ave. de la Reine, Luxembourg.

SOCIETE DE TRANSPORTS AERIENS DE LA REGION OUEST, 222 Ave. de Paris, Niort, France; AO—France.

SOUTH AFRICAN AIRWAYS, Rand Airport, Germiston, Transvaal; Maj. Gen. C. Venter, mgr.; 11 Lodestars, 5 DC-3s, 7 DC-4s, 4 Vikings, 1 Dove, 4 Constellations; AO—U. S. Africa, S-W Africa, Mosambique, S&N Rhodesia, Kenya, U. K., Khartoum, Tripoli; C-P.

SOUTH AMERICAN & FAR EAST AIRTRANSPORT (See BRAATHENS SOUTH-AMERICAN & FAR EAST AIRTRANSPORT A-S).

SOUTH COAST AIRWAYS PTY. LTD., Box 151, Wollongong, N. S. W., Aus.

SOUTH PACIFIC AIRLINES, Noumea.

SOVIET-RUMANIAN AIR TRANSPORT (See TARS-Roumanian Air Lines).

SPINWOOD SPORTLAND AIRWAYS, Fort Francis, Ont., Canada; Woodrow W. Roderick, pres.; 3 F-34s, Aeronca Sedan; AO—NW Ontario, E. Manitoba; C-P.

STARRATT BROS., Hudson, Ont., Canada; AO—NW Ontario.

IATA CARGO AGENTS

(Continued from Page 31)

SALZBURG, AUSTRIA

American Express Co., Inc.
2 Mozartplatz

SAN SALVADOR, EL SALVADOR

Socca
Apartado Postal 171

SANICOLAS, ARUBA, N. W. I

N. V. Kman Handel Mij
Aruba Bank Building

SANTIAGO, CHILE

Compania Chilena de Aviacion S.S.S.,
Lda.

Agustinas 1118

Compania Chilena de Transportes

Calle Augustinas No. 1064

Gondrand Bros., Ltda.

Moneda 1139

"Italmar" S.A. de Brasileira de Em-

presas Maritimas

Calle Huelafanos 1247

SANTOS, BRAZIL

Agencia Maritima Dickinson, S. A.

Rua 15 de Novembro 161

Agencia Maritima Norlines Ltda.

Rua 15 de Novembro 41-5to

Companhia Expresso Mercantil

Rua 15 de Novembro, 183

Empresas Maritimas (Brasil) Ltda.

Rua Amador Bueno 18

Royal Mail Agencies (Brasil) Ltda.

Rua Quinze de Novembro 190

SAO PAULO, BRAZIL

Aeromundial de Transportes

Av. Duque de Caxias 618

Agencia Maritima Dickinson, S. A.

Rua Benjamin Constant 138, 1º Andar

Agencia Nilo de Turismo

Laderia Porto Geral 103

Agencia Transglobal Ltda.

Rua Marconi 107

Anderson, Beck & Cia., Ltda.

Rua 7 de Abril 252

Asatur-Agencia Sul Americana

de Turismo

Av. Ipiranga No. 652

Casabianca de Turismo e Passagens

Lda.

Rua 24 de Maio, 286

Companhia Expresso Mercantil

Avenida Ipiranga 692/694

Empresas Maritimas (Brasil) Ltda.

Piazza Dom Jose Gaspar

L. Figueredo, S.A.

Rua Senador Feljo 205

Gondrand, S.A.

Rua 7 de Abril 253, S/24

Sociedade Comercial de Transportes

Transatlanticos Ltda.

Rua 7 de Abril No. 270

Wagon-Lits/Cook

Pracado Patresarea 56

SHANGHAI, CHINA

American Express Company, Inc., The

188 Kiukiang Road

SINGAPORE, STR. SETTLE.

American Express Co.

Collyer Quay

SOUTHAMPTON, ENGLAND

American Express Company, Inc.

Havelock Chambers, Queens Terrace

STOCKHOLM, SWEDEN

American Express Company, A/B, The

Birger Jarlsgatan 15

Box 1211

STRATFORD, ONT., CANADA

Muirhead Forwarding Co.

321 Front Street

STUTTGART, GERMANY

American Express Co.

Graf Zeppelin Bldg.

SYDNEY, NOVA SCOTIA

Muirhead Forwarding Co.

26 Morrison Street

TOKYO, JAPAN

Yokohama Foreign Trade Express Co.

TORONTO, ONT., CANADA

Acme Fast Freight, Inc.

122 Dundas St. West

Border Brokers, Ltd.

60 Front St., West

Canadian European Forwarders

44 Wellington St. West

Cook & Son, Ltd., Thomas

75 King St. W.

Federal Air & Shipping Services

1230 Bloor St. West

Hill the Mover

2322 Dundas St. W.

Lep Transport (Canada) Ltd.

20 Temperance Street

Marine Service, Ltd.

9 Richmond St., East

Meadows & Co. (Canada) Ltd., Thomas

200 Bay Street

Muirhead Forwarding Co.

Room 407, Terminal Bldg.

Queen's Quay

VALPARAISO, CHILE

Compania Chilena de Transportes

Calle Blanco 421

Gondrand Bros. (Chile) Ltda.

Blanco 653, 30 Piso

"Italmar" S.A. de Empresas Maritimas

Av. Errazuriz 401

VANCOUVER, B. C., CANADA

Acme Fast Freight, Inc.

10, 407 W. Hastings St.

Cook & Son, Ltd., Thomas

451 Pender Street, W.

Muirhead Forwarding Co.

1150 Main St.

Tai Ping Yang Traders Ltd.

73 Pender St. East

VENICE, ITALY

American Express Co., Inc.

Bocca di Piazza (San Marco)

VERACRUZ, MEXICO

Ultramar Express

Empanan 63

VICTORIA, B.C., CANADA

Canadian Pacific Express Co.

1103 Government St.

VICTORIAVILLE, QUEBEC, CANADA

Muirhead Forwarding Co.

St. Francis St.

VIENNA, AUSTRIA

American Express Co., Inc.

9 Alserstrasse

WATERLOO, ONTARIO, CANADA

Muirhead Forwarding Co.

88 Erie Street

WINDSOR, ONTARIO, CANADA

Whitlock Airtravel Aircargo Services

210 Douglas Bldg.

WINNIPEG, CANADA

Muirhead Forwarding Co.

678 Main St.

ZURICH, SWITZERLAND

American Express Co.

Shipportplatz 2

ACE AIR FREIGHT CO., INC.
NATIONWIDE FORWARDING

Door to Door



For Rate Savings
Write or Phone
144 W. 19
NEW YORK 11, N.Y.
Dept. 2
OR 5-4222

SUDAN AIRWAYS, Box 883, Khartoum, Anglo-Egyptian Sudan; E. J. Dawes, mgr.; 4 Doves; AO—Sudan, Egypt; C-P.

SUPERIOR AIRWAYS LTD., Box 52, Ft. William, Ont., Canada; G. L. Welton, pres.; Cassina, Bellanca, Norseman, Fleet, Sea Scout, Aerocraft; AO—NW Ontario; C-P.

SVENSK INTERKONTINENT LUTTRAFFIK, A. B. (Part of Scandinavian Airlines System), Stockholm 5, Sweden; Per A. Norlin, pres.; 2 DC-4s, 2 Bellanca 3 DC-3s, 2 Stratocruisers; U. S., So. Amer., Africa; C-P.

SWEDISH AIR LINES (See AB Aerotransport).

SWISSAIR, Hirschengraben 84, Zurich, Switzerland; Dr. Rudolf Splich, pres.; 4 DC-4s, 14 DC-3s, 2 C-47s, 4 Convair Liners, 2 DC-3s, 1 DC-4s, 1 DH-53s; AO—Europe, Near East, N. Amer., So. Africa; C-P.

T. C. DEVLET HAVA YOLLARI, Ankara, Turkey; 30 C-47s, 3 DC-3s; AO—Turkey; C-P.

TACA AIRWAYS AGENCY, INC., International Trade Mart Bldg., New Orleans, La.; Paul E. Richter, pres.; 7 DC-4s, 7 DC-3s; AO—Central Amer., Mex., Venez., Colombia, New Orleans; C-P.

TARS-ROUMANIAN AIR LINES, 11 N. Iorga St., Bucharest, Roumania; A. Jola, pres.; 15 Li-2s, 3 PO-3s, 3 JU-52s, 2 Lockheed 14s, DC-3; AO—Roumania, Czechoslovakia, Hungary, Poland, Yugoslavia, Italy; C-P.

TASMAN EMPIRE AIRWAYS LTD., Mechanics' Bay, Auckland, N. Z.; L. M. Isitt, chm.; Catalina, 4 Solents; AO—Auckland-Sydney; C-P.

TECHNICAL & AERONAUTICAL EXPLOITATIONS CO. LTD., 13 Merlin St., Athens; Col. S. A. Zotos, mng. dir.; 9 C-47As, Fairchild UC-61K; AO—Greece, Crete, Canes, Heraklion, Rhodes, Egypt; C-P.

TESEO, Linate Airport, Milan, Italy; AO—Italy; C-P.

THUNDER BAY AIRLINES LTD., 414 Public Utilities Bldg., Port Arthur, Ont., Canada; AO—NW Ontario.

TOWNSVILLE & COUNTRY AIRWAYS, 5 Stanley St., Townsville, Australia; AO—Australia; C-P.

TRANSANDINA ECUATORIANA, C. A., Quito, Ecuador; AO—Ecuador; C-P.

TRANS-ASIATIC AIRLINES, 202 Charoen Krung Rd., Bangkok; DC-3s, Catalina (3 DC-3s); AO—Bangkok, Hong Kong; C-P.

TRANS-AUSTRALIA AIRLINES, 339 Swanton St., Melbourne, Victoria, Australia; Lester J. Brain, gen. mgr.; 24 DC-3s, 3 DC-4s, 5 Convair Liners, 5 De Havilland Drovers; AO—Australia; C-P.

TRANS-CANADA AIR LINES, International Aviation Bldg., Dorchester St., Montreal, Que., Canada; Gordon R. McGregor, pres.; 27 DC-3s, 30 North Star Mts; AO—Canada, U. S., B.W.I., Eire, England, Scotland; C-P.

TRANSDRIATICA—See Società Transadriatica di Navigazione Aerea.

TRANSPORTES AEROS CENTRO-AMERICANOS, S. A., Tegucigalpa, Honduras; AO—Honduras—Dr. Honduras; C-P.

TRANSPORTES AEROS DE CARGA INTERNACIONAL LIMITADA, Montevideo, Uruguay; AO—Uruguay, Brazil, Argentina; C.

TRANSPORTES AEROS DE JALISCO, S. A., Ocampo 70; Guadalajara, Jal., Mexico; Carlos Dávalos Gusman, dir.; 3 C-47s, DC-3, DC-2 1/2; AO—480 miles; C-P.

TRANSPORTES AEROS TAMPICO S. DE R. L., Fray Andres de Olmos y Altamira, Tampico, Tamaulipas, Mexico; F. G. de Lara, pres.; 3 DC-3s, 2 Ansons, 3 Cessnas; AO—300 miles; C-P.

TRANSPORTES AEROS MEXICANOS, S. A., Calle 62, No. 495, Merida, Yucatan, Mexico; A. F. G. Canton, pres.; 6 Ansons, 5 Spartan SHs, 5 Bellanca, Travelair, Ford; AO—Mex., Br. Hond.; C-P.

TRANSPORTES AEROS MILITARES, Lima, Peru; Gen. Ismael Morina, Chief of Staff; 2 DC-3s, 5 Faucett-Stinsons, 2 FBV-1As (5 DH-53As); AO—Peru; C-P.

TRANSPORTES AEROS NACIONALES, Calles 2/4 Avenida 3, San Jose, Costa Rica; AO—Costa Rica; C-P.

TRANSPORTES AEROS PERUANOS, Lima, Peru; AO—Peru.

TRANSPORTES AEROS PORTUGUESES, Rua Braamcamp, 2, Lisbon, Portugal; Col. Carlos M. Magalhães, dir.; 6 DC-3s, 4 DC-4s, Beechcraft; AO—Europe, Africa; C-P.

TRANSPORTURI AERIE NE ROMANIA SOVIETICA—See TAR-Roumanian Air Lines.

TUNIS AIR, 1 Rue d'Athens, Tunis, Tunisia; 4 DC-3s; AO—Tunisia, Algeria, France, Italy; C-P.

TURKISH STATE AIRLINES, Devlet Hava Yollari, Ankara, Turkey; Osman Nuri Baykal, mng. dir.; 30 DC-47s, 6 Dominies, 3 DC-3s; AO—Middle East; C-P.

UNION OF BURMA AIRWAYS, Corporation Bldgs., Rangoon, Burma; U. San Thein, B. A.; 2 Doves, 7 C-47s; AO—Burma, Thai; C-P.

VARIG—See S. A. Empresa de Vooes Aereos Rio Grandense.

VIACAO AEREA SANTOS DUMONT, S. A., Ava. Franklin Roosevelt 137, Rio de Janeiro, Brazil; AO—Brasil.

VIACAO AEREA SAO PAULO, S. A., Rua Libero Radard, 89, Sao Paulo, Brazil; P. Rubiao Alves Meira, pres.; 16 DC-3s, 6 Scandias; AO—Brasil; C-P.

VIAZ AEREA COLOMBIANAS, S. A., Cali, Colombia; AO—Colombia, Ecuador; C-P.

WEST AFRICAN AIRWAYS CORP., Airways House, Lagos, Nigeria; AO—W. Afr.; C-P.

WEST COAST AIR SERVICES LTD., Speke Airport, Liverpool, England; AO—U. K., Eire; C-P.

WESTERN ISLES AIRWAYS LTD., Renfrew Airport, Glasgow, Scotland; AO—U. K.; C-P.

WOODS AIRWAYS PTY. LTD., Box K783, G.P.O., Perth, Australia; 2 Avro Ansons.

Still Available AIR TRANSPORTATION Traffic and Management

By THOMAS WOLFE
President, Pacific Air motive Corp.
728 pages, 194 illustrations, 125 charts, graphs,
and tables, \$9.00

HERE is a comprehensive guidebook to the business of air transportation, its growth, and present practices. It covers the factors that control and regulate its development and operation; it describes effective methods in organization, management, and revenue-making. For managers who want facts and figures, for men who want practical grounding in departments other than their own, for those who want to enter and progress in this industry, the book offers broad, sound help.

This book gives the reader the highlights of the industry, helpful in acquiring a workable knowledge of its background, practices, economies, and problems. Also it completely covers organization and procedures. 29 extensive chapters show you: types of control exercised within and without the industry—economic and financial aspects of air transportation, including

the balance between revenue and cost—airline organization, including traffic and terminal phases—traffic techniques, methods of handling ticket offices and reservations, fixing rates and charges, etc.—with a valuable chapter on sources of traffic and their appraisal... everything to help you better understand the business of air transportation.

AIR TRANSPORTATION
10 Bridge St. New York 4, N. Y.



NEW YORK BOARD OF TRADE, Inc.

291 BROADWAY, NEW YORK 7, N. Y.

Telephone, BRa clay 7-9494

OFFICERS

Chairman
GERARD M. McALLISTER
McAllister Brothers, Inc.

Vice Chairman
Secretary
ALEXANDER SIMON
Western Union Telegraph Co.

Secretary
A. J. BARNARD
Public Relations Counsel
JAMES A. LEFTWICH

OBJECTIVES

The objectives of the Transportation Section are the promotion; advancement, protection and service of the interests of its members in all phases of the transportation industry and activity, in the following four Divisions: Automotive, Aviation, Marine and Railroad.

DIVISION CHAIRMEN

Automotive
P. E. TORIN
The White Motor Co.

Aviation
GEORGE G. HUGHES
Shell Oil Co., Inc.

Marine
GERARD M. McALLISTER
McAllister Brothers, Inc.

Railroad
E. J. MONTANTY
Western Electric Co.

AIRLINE CARGO DIRECTORY

A-Agent

AFS—Air Freight Supervisor
 ASNM—Agent & Station Manager
 CCSM—City Cargo Sales Manager
 CFA—City Freight Agent
 CPA—City Passenger Agent
 CM—Cargo Manager
 CS—Cargo Supervisor
 CSM—City Sales Manager
 CSR—Cargo Sales Representative
 CRCSM—Central Region Cargo Sales Manager
 CSS—City Sales Supervisor
 CTA—City Ticket Agent
 CTM—City Traffic Manager
 CTSM—City Traffic-Sales Manager
 CTSR—City Traffic-Sales Representative

DCR—District Cargo Representative
 DCSM—District Cargo Sales Manager
 DFA—District Freight Agent
 DM—District Manager
 DS—Director of Sales
 DSM—District Sales Manager
 DSR—District Sales Representative
 DTM—District Traffic Manager
 DTSM—District Traffic-Sales Manager
 ED—European Director
 EDSM—Eastern District Sales Manager
 ERCSM—Eastern Region Cargo Sales Manager
 ETM—Eastern Traffic Manager
 FA—Freight Agent
 GA—General Agent
 GTM—General Traffic Manager
 LM—Liaison Manager

M—Manager
 OM—Operations Manager
 R—Representative
 RCSM—Regional Cargo Sales Manager
 RSCS—Regional Supervisor of Cargo Sales
 RTS—Representative of Traffic-Sales
 SM—Sales Manager
 SNM—Station Manager
 SR—Sales Representative
 SS—Sales Supervisor
 SSM—Sales Service Manager
 SSR—Special Sales Representative
 TA—Ticket Agent
 TM—Traffic Manager
 TR—Traffic Representative
 TSM—Traffic-Sales Manager
 WCR—West Coast Representative
 WRCSM—Western Region Cargo Sales Manager

AIR FRANCE

Address: 2 rue Marbeuf, Paris, France.
 Phone: Elysees 2040.
 Cable Address: AIRFRANS.
 General Traffic Manager: Rene Briand.
 United States Freight Manager: Constantin Sanderlechin.

Cargo Offices:

Abidjan, Ivory Coast—Chargeurs Reunis, Ave. du General de Gaulle; 4713.
 Accra, Gold Coast—French West Africa Lines; 216 Ext. 2.
 Addis-Ababa, Ethiopia—Compagnie Afrique Orientale.
 Agadir, Morocco—Air Atlas, Ave. Lucien Saint; 8-81.
 Ajaccio, France—3 Boulevard du Roi Jerome; 1074, 8-63.
 Alcazar, Morocco—Eta. Chr. Roussel et Fils.
 Alexandria, Egypt—3 Av. Fouad I; 2129.
 Algiers, Algeria—19 Rue Michelet; 490-10/11.
 Amsterdam, Neth.—KLM, 1-3 Leidseplein; 33-883.
 Annaba, Tunisia—Uficio Viaggi 89-91; Corso d'Italia; 949.
 Athens, Greece—4 Rue Carageorge de Serbie; 22871, 25750.
 Baghdad, Iraq—Levant Import Co., Ltd., 439 Rashid St.; 5741.
 Bahrain, Persian Gulf—BOAC, Manama 27/41.
 Bangkok, Thailand—Siam Airways, 6 Lan Luang Rd.; 3-2946.
 Bangui, Belg. Congo—Ave. du General de Gaulle.
 Barcelona, Spain—Paseo de Gracia 11; 23-60-00.
 Basle, Switz.—Swissair, Bundesbahnstrasse; 8-86-66.
 Bastia, France—4 Ave. Carnot; 7-10, 8-21.
 Beirut, Eire—Kensington Hotel, College Sq. E.; 24224.
 Berlin, Germany—Kurfurstendamm 211; 91-05-81.
 Beyruth, Lebanon—Rue du Parlement; 92-17/18.
 Birmingham, England—Elmdon Airport; Sheldon 2560, 2441.
 Bogota, Colombia—Calle 15, No. 10-39; 20-413.
 Bone, Algeria—M. Palomba, 2 Rue Gambetta; 22-45, 21-93.
 Bordeaux, France—12, Cours du 30 Juillet; 00-09/11.
 Boston, Mass.—New England Mutual Bldg., 488 Boylston St.; Copley 7-5886.

Brassaville, Fr. Eg. Africa—Angle Ave. d'Ouessat et Rue Louis-Girard; 151-62 Plaine.
 Brisbane, Australia—Messageries Maritimes, c/o Nixon Smith Shipping & Wool Dumping Co., Circular Quay; B3737.
 Brussels, Belgium—12 rue Montoyer; 1251-75, 12-54-45.
 Buenos Aires, Arg.—Cangallo 547/-549; 33-9164, 33-0119, 33-8769.
 Cairo, Egypt—Midan Soliman Pasha; 7991/5/15.
 Calcutta, India—Middleton St., 41, Chowringhee Rd.; Park 4729.
 Cannes, France—3 Place du General de Gaulle; 92-914, 92-915.
 Caracas, Venezuela—Hotel National, Apartado 1989; 95-461.
 Casablanca, Morocco—295 Bd. de la Gare.
 Cayenne, Fr. Guiana—Cie Generale Transatlantique, La Savane; 80.
 Chicago, Illinois—11 S. La Salle St.; State 2-0526.
 Copenhagen, Denmark—S.A.S. Fragtadeling Ny Kongensgade 15; Nyen 61-16.
 Dakar, Senegal—1 Rue Parent; 2888.
 Damascus, Syria—Simon Sayegh et Fils, 30 Ave. Fouad 1st; 11961.
 Douala, Fr. Cameroun—Chargeurs Reunis, Blvd. du Col. Leclerc; 31-1.
 Dublin, Eire—Air Lingus, 40 Upper O'Connell St.; 31-1.
 Dusseldorf, Germany—35 Konigsallee; 24802.
 Fort-de-France, Martinique—Bord de Mer; 556, 557, 541.
 Frankfurt, Germany—An der Hauptwache 7; 92-321.
 Geneva, Switz.—3 Rue du Mont Blanc; 2-57-60.
 Glasgow, Scotland—33 Renfield St.; Central 8054, 8056.
 Haifa, Israel—45 Kingsway; 2124.
 Hamburg, Germany—56 Ferdinandstrasse; 314946.
 Hanoi, Indochina—61 Rue du Sucre; 240.
 Havana, Cuba—Calle Trocadero 52.
 Hongkong—Messageries Maritimes, 5 Connaught Rd. Central; 23-547.
 Houston, Texas—Esperance Bldg.; Atwood 1451, 1452.
 Istanbul, Turkey—Taksim Cumhuriyet Meydani 1; 49-124.
 Jerusalem, Israel—King David Hotel Annex, Jullian's Way; 2655.
 Kano, Nigeria—Liverpool Road.
 Karachi, Pakistan—Safe Deposit Chambers, McLeod Rd.; 3621.

Lagos, Nigeria—French West Africa Lines; 152.
 Pointe-a-Pitre, Guad.—Place de la Victoire; 209, 210.
 Prague, Czech.—Masarykovo Nabrezi 8; 30-846.
 Recife, Brazil—Ave. Guararapes 210; 7549.
 Reykjavik, Iceland—Randarastigur 3; 1789.
 Rio de Janeiro, Brazil—2574 Ave. Rio Branco; 42-832.
 Robertfield, Liberia—Air France.
 Rome, Italy—via L. Bissolati 76; 47-306.
 Saigon, Indochina—12 Blvd. Norodom; 20-981.
 San Francisco, Calif.—210 Post St.; YUKON 2-7151.
 Sao Jose, F. W.—Caribbean Atlantic Airlines; 232-34.
 Sao Paulo, Brazil—Rua Libero Badaro 119 2 Andar; 2-3902.
 Singapore, Str. Settle—Union Bldg., Collier Quay; 53900.
 Stockholm, Sweden—SAS/ABA Birger Jarlingatan 55; 23-37-25.
 Strasbourg, France—3 Rue du Dome; 213-00.
 Sydney, Australia—Messageries Maritimes, Chamber of Commerce Bldg., 36 Grosvenor St.; BU 1231.
 Tehran, Iran—Hotel Verdway, 163 Trois Etand; 7.231.
 Tel Aviv, Israel—Rue Ahuzat Bayit 3; 3297.
 Tunis, Tunisia—1 Rue d'Athens; 79-21.
 Washington, D. C.—Heurich Bldg., 1627 K St. N. W.; Sterling 4747.
 Zurich, Switz.—16 Bahnhofstrasse; 25-21-11.

ALASKA COASTAL AIRLINES

Address: P. O. Box 3908, Juneau, Alaska.
 Phone: Juneau 612 or 706.
 Cargo Director: O. F. Hanecke.
 Cargo Offices:
 Anchorage, Alaska—Elmer Garnes.
 Elna Cove, Alaska—E. O. Swanson.
 Fanner Bay, Alaska—H. Hargraves.
 Haines, Alaska—Ira Powell.
 Hoonah, Alaska—Jack Templin.
 Ketchikan, Alaska—Ellis Air Lines.
 Pelican, Alaska—Joe Sadler.
 Petersburg, Alaska—Eldor Lee.
 Sitka, Alaska—Orville Paxton.
 Skagway, Alaska—Chris Lamoreaux.
 Tankeo, Alaska—Dermott O'Toole.
 Wrangell, Alaska—Art Nelson.

ALL AMERICAN AIRWAYS

Address: National Airport, Washington, D. C.
Phone: Sterling 4500, Ext. 11.
Traffic Manager: C. W. Cline.
(Only air mail and air express carried.)

AMERICAN AIRLINES

Address: 100 Park Ave., New York, N. Y.
Phone: Murray Hill 3-9000.
Cable Address: AMAIR.
Director of Cargo Sales: J. D. Boylan.

Cargo Offices:
Akron, O.—P. MacDonald, SM; 211 Akron Savings & Loan Bldg.; Blackstone 4152.
Albany, N. Y.—Hotel Ten Eyck; Albany 5-1571; John Shirk, SM.
Baltimore, Md.—Equitable Bldg., Calvert & Fayette St., Lexington 3255; P. E. Priestman, SM.
Battle Creek, Mich.—Kallong Munc. Airport; 3-1541; G. W. Searle, Jr., OM.
Big Spring, Tex.—American Airlines Field, Box 636; 1160; W. A. Davis, OM.
Boston, Mass.—50 Federal St.; Liberty 2-4240; Peter Prudden, SS.
Bridgeport, Conn.—336 Main St.; 3-0143; H. Dina, SM.
Buffalo, N. Y.—160 Franklin St.; Madison 4431; G. M. Sadler, DSM.
Charleston, W. Va.—Security Bldg., Capitol & Virginia Sts.; 59-534; A. Burkhardt, SM.
Chicago, Ill.—59 E. Monroe St.; Franklin 2-8036; H. M. Fox, DSM.
Cincinnati, O.—1207 Union Trust Bldg.; Dunbar 4555; C. H. Startup, DSM.
Cleveland, O.—Union Commerce Bldg.; Cherry 1-3501; G. Hawes, DSM.
Columbus, O.—Deahler-Wallick Hotel; Main 6507; L. K. Frisco, SM.
Dallas, Tex.—628 Mercantile Bank Bldg.; Riverdale 4101; B. S. Gibson, DSM.
Dayton, O.—310 N. Main St.; Adams 1261; C. H. Fredericksen, SM.
Detroit, Mich.—210 Bank Bldg.; Woodward 2-1555; J. A. Tompkins, DSM.
Douglas, Ariz.—Box 1115; Douglas 1144; M. V. Everts, OM.
Elkhart, W. Va.—Munc. Airport, Box 225; 1160; W. H. Duke, OM.
Elmira, N. Y.—Chemung Cy. Airport, Horseheads, N. Y.; Elmira 2-9106; H. W. Corcoran, Jr., OM.
El Paso, Tex.—209 N. Oregon; 3-3633; R. K. Pfunder, SM.
Erie, Pa.—Preston Airport, R.D. 1; 34-101; W. J. Bowden, SNM.
Fort Worth, Tex.—315 Main St.; Market 1183; M. A. Atkinson, SM.
Hartford, Conn.—70 Main St.; Hartford 7-0168; R. G. Terry, SM.
Houston, Tex.—305 Walker Ave.; Charter 9261; H. H. Hixon, SM.
Indianapolis, Ind.—224 Circle Tower Bldg.; Market 7591; F. Bodwell, SM.
Jackson, Mich.—Reynolds Munc. Airport; Jackson 4-3195; C. E. Callahan, OM.
Joplin, Mo.—Munc. Airport; Joplin 7655; E. O. Crews, OM.
Knoxville, Tenn.—330 S. Gay St.; 4-7871; H. Hallock, SM.
Little Rock, Ark.—103 E. Capitol Ave.; 5-1541; R. E. Hibby, SM.
Los Angeles, Calif.—523 W. 4th St.; Trinity 7251; F. M. Burg, DSM.
Louisville, Ky.—351 Starks Bldg.; Jackson 2194; R. Wright, SM.
Lynchburg, Va.—Preston Glenn Airport; 6-3637; T. E. Brooks, OM.
Memphis 3, Tenn.—Peabody Hotel; 5-5533; H. P. Oliver, DSM.
Mexico City, Mex.—Avenida Ejido No. 7; 26-12-81 (Mexicana), 18-04-59 (Ericsson); F. J. Mullins, DS.
Miami, Fla.—1640 DuPont Bldg.; 5-1323; A. Saunders, SM.
Midland-Odessa, Tex.—Box 35; Midland 4281, Odessa 73561; J. W. Campbell, OM.
Milwaukee, Wis.—110 E. Wisconsin Bldg.; Broadway 2-6576; C. Garrison, SM.
Monterrey, Mex.—Hotel Colonial; 1360; Francisco Belden, DSM.
Nashville, Tenn.—239 Sixth Ave. North; 5-2739; E. R. Houltz, DSM.
Newark, N. J.—200 Washington St.; Mitchell 3-9300; W. Ryscher, SM.
New Haven, Conn.—Taft Hotel, College & Chapel Sts.; New Haven 7-3547; R. A. Holman, SM.
New Orleans, La.—St. Charles Hotel; Canal 5410; L. H. Tudor, SM.

New York, N. Y.—122 East 42nd St.; Murray Hill 3-9000; R. W. Baker, DSM.
Niagara Falls, N. Y.—Municipal Airport; 2-4994, 3-4402.
Oakland, Calif.—1420 Broadway; Twin Oaks 3-7490; C. J. Ballard, SM.
Oklahoma City, Okla.—111 NW First St.; 2-5237; R. A. Hodder, SM.
Parkersburg, W. Va.—Wood County Airport, Box 1093; Parkersburg 2-5541; E. H. M. Willson, OM.
Peoria, Ill.—Municipal Airport; 3-4441; E. M. Rosser, OM.
Philadelphia, Pa.—122 S. Broad St.; Pennypacker 5-2414; W. A. Carr, DSM.
Phoenix, Ariz.—15 E. Adams St.; 4-1126; R. Radcliffe, Jr., DSM.
Providence, R. I.—75 Westminster St.; Union 1-6800; W. C. Harris, SM.
Richmond, Va.—John Marshall Hotel; Richmond 7-7234; J. R. Snyder, SM.
Roanoke, Va.—Woodson Field; Roanoke 3-9241; K. A. Kemp, OM.
Rochester, N. Y.—409 Commerce Bldg.; 112 Main St.; Baker 5005; C. C. Potter, SM.
San Antonio, Tex.—310 N. St. Mary's St.; Fannin 7236; J. P. Bass, SM.
San Diego, Calif.—1023 Fourth Ave.; Franklin 6575; W. Sample, Jr., SM.
San Francisco, Calif.—156 Post St.; Yukon 6-0439; R. L. Fitzpatrick, DSM.
Scranton, Pa.—Sterling Hotel, Wilkes-Barre, Pa.; Wilkes-Barre 2-6147; W. S. Rice, SM.
Seattle, Wash.—144—Bendix Airport; 2-1101; J. P. Higgins, OM.
Springfield, Ill.—Capital Airport; 8804; R. W. Schulte, OM.
Springfield, Mass.—Hotel Kimball; Springfield 2-4119; L. E. Fullerton, SM.
Springfield, Mo.—Munc. Airport, Route 5, Box 592; 4-1871, 2, 3; L. F. Hasselbart, OM.
St. Louis, Mo.—497 N. 12th Blvd.; Garfield 5390; B. Payne, DSM.
Syracuse, N. Y.—30 E. Warren St.; 3-6133; G. C. Wright, SM.
Texarkana, Ark.—Box 1466; Munc. Airport; 2-4157; W. E. Weatherly, OM.
Toronto, Canada—23 King St. West; Waverley 2634; W. G. Conrad, SM.
Tri-City Airport (for Kingsport, Johnson City & Bristol)—Box 815, Bristol, Tenn.; Bristol 1540; J. A. McMillan, OM.
Tucson, Ariz.—1001 Valley Nat'l Bank Bldg.; 2-3231; T. E. Cushman, Jr., SM.
Tulsa, Okla.—587 South Boston; 2-2524; F. G. Malheur, DSM.
Washington, D. C.—160 St. NW; Executive 2030; H. D. Ford, DSM.
Wilkes-Barre, Pa.—Sterling Hotel; 2-6147; W. S. Rice, SM.
Wilmington, Del.—New Castle County Airport; Newport Box 3085; New Castle 2447; G. V. Zoller, OM.

AVIANCA

Address: Calle 12, No. 9-23, Bogota, Colombia.
Cable Address: AVIANCA.
United States Special Representative: Juan Ucro.
New York—41 E. 42nd St.; Murray Hill 2-4310; Juan Ucro.

BRANIFF INTERNATIONAL AIRWAYS

Address: Love Field, Dallas 9, Tex.
Phone: Dixon 1721.
Cable Address: BRANWAYS

H. G. OLLENDORFF, INC.

Foreign Freight Forwarders
FORWARDERS FMS No. 41
Agent for All Airlines
Authorized Agent: Pan American World Airways
Recognized by:
International Air Transport Association
229-243 W. 48th Street, New York 23, N. Y.
Phone: Throldgar 4-8155

BRAUNER & CO.

Foreign Freight Forwarders
Customs Brokers
FORWARDERS FMS No. 394
Recognized by:
International Air Transport Association
24 State Street, New York 4, N. Y.
Phone: Dighy 8-3475

General Sales Manager: Reginald Brack.

Manager Cargo Sales: Frank Macpherson.

Cargo Offices:

Amarillo, Tex.—Amarillo Hotel; 2-4343; Don Schomburg, DSM.
Asuncion, Paraguay—Independencia Nacional 285; 654; Dows S. Rhodes, M.
Austin, Tex.—Austin Hotel; 2-6411; J. W. Stahler, DSM.
Balboa, C. Z.—Avenida Tivoli 18, Panama, P. R.; Panama 2-0723; Pedro Diaz, DSM.
Brownsville, Tex.—First Nat'l Bank Bldg.; 1-3503; Jack Daugherty, DSM.
Buenos Aires, Argentina—Belgrano 395; 37-1259, 1497; Donald Grafe, M.
Burlington, Iowa—Airport; 619; Floyd Sanders, SNM.
Chicago, Ill.—22 E. Monroe St.; Franklin 2-3900; Ivan Powers, DSM.
Colorado Springs, Colo.—133 E. Pike Peak Ave.; Main 393; L. J. Davis, CTM.
Corpus Christi, Tex.—Driscoll Hotel; 4-3558; Gen. B. Davis, DSM.
Dallas, Tex.—Adolphus Hotel; Riverside 4564; Ray Stamps, DSM.
Denver, Colo.—Albany Hotel; Alpine 4431; H. C. Amberson, DSM.
Detroit, Mich.—1343 Bank Bldg.; Woodward 5-4930; Dale J. Madden, DSM.
Ft. Smith, Ark.—Municipal Airport; 1556; Bob Thomas, SNM.
Ft. Worth, Tex.—Texas Hotel; FO-7411; Dwight Chiles, DSM.
Galveston, Tex.—Jettette Hotel; 2-9606; Duke Flies, DSM.
Guayaquil, Ecuador—Simon Bolivar Airport; 1153; Alberto Pereira, SNM.
Havana, Cuba—Prado 204; A-2388; Jose Lans, SNM.
Houston, Tex.—Rice Hotel; Preston 2351; Earl Sealey, DSM.
Kansas City, Mo.—Muehlebach Hotel; HA 5990; Paul Greenlee, DSM.
La Paz, Bolivia—El Alto Airport; 5905; Arturo Madeiros, SNM.
Laredo, Tex.—Municipal Airport; 245; H. W. Sloan, SNM.
Lima, Peru—Nicolas de Pirola Colmena Derecha 395; 4-1559; G. C. Braman, DSM.

BARR SERVICE

Over Thirty-Five Years
of Continuous Service
to the Export Trade

FORWARDERS FMS No. 43

INTERNATIONAL SHIPPING AGENTS

CUSTOMS AND FREIGHT BROKERS

INSURANCE

BARR SHIPPING COMPANY

HARRY K. BARR, President

25 Broadway
New York 4, N. Y.

Tel. HA 2-5200
Cable: BARRSHIPCO



Automatic Ace OF THE AIRWAYS

**VERSATILE SPERRY GYROPILOT
ON JET FIGHTERS AND BOMBERS,
AIRLINERS, EXECUTIVE PLANES,
HELICOPTERS AND
LIGHTER-THAN-AIR SHIPS**

► For widely diversified aircraft the Sperry Gyropilot® is providing consistently smooth, precise automatic flight control under all flight conditions and is making possible automatic approaches through low ceilings in rough air.

► The flexibility in applying this Gyro-

pilot to all types of aircraft is the result of 10 years' experience in combining precise reference systems with electronic rate circuit techniques and high response servos which accommodate all control situations from lighter-than-air ships to guided missiles.

GT. H. REG. U. S. PAT. OFF.

SPERRY

GYROSCOPE COMPANY
DIVISION OF THE SPERRY CORPORATION

GREAT NECK, NEW YORK • CLEVELAND • NEW ORLEANS • BROOKLYN • LOS ANGELES • SAN FRANCISCO • SEATTLE
IN CANADA — SPERRY GYROSCOPE COMPANY OF CANADA, LTD., INTERNATIONAL AVIATION BUILDING, MONTREAL

NOVEMBER 1951—PAGE 59

Little Rock, Ark.—Grady-Manning Hotel; 4-646; Joseph Stanick, D.S.M.
Los Angeles, Calif.—412 So. Flower St.; Madison 9-1721; Edwin F. Applegate, D.S.M.
Losbeck, Tex.—Hilton Hotel; 3504; James R. Jones, D.S.M.
Memphis, Tenn.—Peabody Hotel; 5-7416; Glenn Archey, S.N.M.
Mexico City, Mex.—Edificio Internacional, Rm. 518; 34-31-54, 14-44-72; Elias Gonzalez, D.S.M.
Mobile, Ill.—Airport; 4430; Thomas Halla, S.N.M.
Muskogee, Okla.—Davis Field; 3701; Edwin Lee, S.N.M.
New York, N. Y.—320 Fifth Ave., Plaza 7-9667; H. H. Murphy, Jr., D.S.M.
Oklahoma City, Okla.—Apco Tower Bldg.; 7-3525; Charles W. Gray, D.S.M.
Pasadena City, Okla.—Municipal Airport; 4393; J. C. McCarty, S.N.M.
Pueblo, Colo.—Municipal Airport; 7671; Fletcher Rainer.
Rio de Janeiro, Brazil—Rua Santa Luzia 774-A; 53-1232; John Benson, D.S.M.
San Antonio, Tex.—Gunter Hotel; Fannin 3331; Dwight Chiles, D.S.M.
San Francisco, Calif.—18 Post St.; Yukon 3-5440; Robert C. Campbell, D.S.M.
Tepeka, Kan.—Jayhawk Hotel; 2-6835; W. A. O'Connell, S.R.
Tulsa, Okla.—Hotel Tulsa; 2-3353; W. P. Parsons, D.S.M.
Waco, Tex.—Municipal Airport; 4-3531; George E. Smith, S.N.M.
Wichita, Kan.—Allis Hotel; 2-4231; Carroll Little, D.S.M.
Wichita Falls, Tex.—Marchman Hotel; 4197; Bartlett Johnson, D.S.M.

BRITISH OVERSEAS AIRWAYS CORPORATION

Address: Stratton House, Stratton St., Piccadilly, London, W. 1, England.
Cable Address: SPEDEBIRD.
General Commercial Manager: J. W. S. Branner.
General Sales-Traffic Manager: K. G. Granville.
Air Cargo Officer for North America: Robert D. Ritchie.
Cargo Offices:
Abadan, Persia—B.O.A.C.; Abadan 6807.
Accra, Gold Coast—W.A.A.C. Airways House, Station Road, P. O. Box 129; Accra 1038.
Addis Ababa, Ethiopia—Aden Airways Ltd., Haili Selam 1 Street.
Aden—Aden Airways Ltd., 3/4 Esplanade Road, Crater; Aden 234.
Alexandria, Egypt—15 Place Saad Zaghloul, P. O. Box 1005; Alexandria 23331, 23337, 23533.
Asmara, Eritrea—Aden Airways Ltd., 12 Viale Roma; Asmara 953.
Atlanta, Ga.—44 Pryor Street, N. E.; Lamar 5757.
Auckland, New Zealand—T.E.A.L. Central Booking Office, Airways House, Customs Street East, P. O. Box 2301; Auckland 30303.
Augusta, Italy—Marine Airport of Augusta (Siracusa); Augusta 1 & 37.
Baghdad, Iraq—Iraqi Airways, 443/- 175D Al Rashid Street; Baghdad 4891 & 7057.
Bahrain, Persian Gulf—B.O.A.C.; Manama 2047.
Baltimore, Md.—Enterprise 7600.
Bangkok, Thailand—Borneo Co. Ltd., Air Booking Centre, Trocadero Hotel Building, Suriwongse Road; Bangkok 3048.
Basra, Iraq—Margil Airport; Margil 06-286.
Bermuda—Airways House, 59 Front Street, Hamilton; Bermuda 2132, 3012/3 & 3030.
Birmingham, Ala.—300 Fifth Avenue; 9-1071.
Bombay, India—Air Booking Centre, The Taj Mahal Hotel; Bombay 35915.
Buenos Aires, Argentina—Calle Reconquista, 378; 36-147/36-315.
Cairo, Egypt—Air Booking Centre, 2 Sharia Bustan, Kasr El Nil; Cairo 49745, 49990/9 & 59700.
Calcutta, India—Air Booking Centre, 41 Chowringhee; PK 1670/6.
Cape Maclear, Nyasaland—Cape Maclear Hotel, Lake Nyasa, Limbe, P. O. Box 100.
Caracas, Venezuela—B.W.I.A. Ltd., Edificio el Conde, Padre Sierra a Conde; Caracas 93823/91-353.

Charlotte, N. C.—Hotel Selwyn; 2-1023.
Chicago, Ill.—37 South Wabash Ave.; Franklin 3-3937; A. H. McKay, C.R.
Cleveland, Ohio—1105 Chester Avenue; Cherry 5477.
Colombo, Ceylon—James Finlay & Co., Ltd., 65 Queen Street, Fort, P.O. Box 59; Colombo 1343.
Dakar, French Senegal—2 Avenue William Ponty; Dakar 2332.
Damascus, Syria—Karnak National Tourist & Transport Co., 22 Fouad First Street; Damascus 11755/5.
Darwin, Australia—Q.E.A. Darwin Hotel, Esplanade; Darwin 350.
Delhi, India—Speedbird House, Service Road, Connaught Place, New Delhi 1; Delhi 7356, 43973, 44234 & 44787.
Gander, Newfoundland, Canada—Newfoundland Airport; Gander Airport Exchange; Gander 656/424.
Glasgow, Scotland—See Prestwick.
Hargeisa, British Somaliland—Aden Airways Ltd., Hargeisa South.
Havana, Cuba—B.S.A.A. Hotel Sevilla Biltmore Trocadero 46; W-4944/W-5850.
Hong Kong—Jardine Matheson & Co. Ltd., 14-18 Pedder Street; Hong Kong 3785/46.
Houston, Tex.—343 Electric Building; Capital 2527.
Jakarta, U. S. of Indonesia—W. M. Colville & Co., Kali Besar West 42, Jakarta-Stad, P. O. Box 53; Jakarta 1977/1278.
Johannesburg, S. Africa—S.A.A. and B.O.A.C., Southern Africa Headquarters, Airways Terminal, Longday Street; Johannesburg 35-0931.
Kamarran Island, Red Sea—Commissioner of Kamarran.
Kampala, Uganda—E.A.A.C. Kampala Road, 21 Kampala Road; Kampala 316.
Kano, N. Nigeria—W.A.A.C. Bank Road, P. O. Box 11; Kano 16.
Karachi, Pakistan—Finlay House, McLeod Road; 2923/37.
Keflavik, Iceland—Keflavik Airport; Keflavik 1734/5 Ext. 147.
Khartoum, Sudan—Wingate Avenue, P. O. Box 250; Khartoum 3171/5.
Kingston, Jamaica—B.W.I.A. Ltd., 78-74 Harbour Street; Kingston 4661/47-43.
Kisumu, Kenya—E.A.A.C. Kisumu Hotel, P. O. Box 15; Airport Kisumu 54, Hotel Kisumu 26.
Kuwait—Yusuf A. Alghani; Kuwait 361.
Lagos, Nigeria—W.A.A.C. Airways House, 161 Broad Street, The Martins, P. O. Box 138; Lagos 136.
Lima, Peru—B.S.A.A., 437 Calle Pelota, Jiron Camana; Lima 42345.
Lisbon, Portugal—Avenida da Liberdade 25-27; Lisbon 29931/3/3.

London, England—Airways Terminal, Buckingham Palace Road, S.W.1.; Victoria 2523.
Los Angeles, Calif.—Security Title Building, 530 W. 6th Street; Van-dike 3174/17; W. L. Carlson.
Lowville, N.Y.—412 South Fourth Street; Amhurst 1272.
Malta—Malta Airways Co. Ltd., Phoenixia Hotel, The Mall, Flori-ana; Central 5243 & 5253 Ext. 21.
Manila, Philippines—Warner Barnes & Co. Ltd., Soriano Building; 2-38-53 & 2-38-59.
Memphis, Tenn.—159 Union Street; 39-25-26.
Mexico City, Mexico—B.S.A.A., Apartado No. 20923, Plaza de la Republica, No. 6 y Avenida Ejido, Edificio Fontaines; Ericsson 15-55-32, 10-29-23 & Mexicana 36-52-72.
Miami, Fla.—359 East Flagler Street; 35-3416; Leslie Weeks.
Montevideo, Uruguay—Calle 25 de Mayo 435; 5942/51213.
Montreal, Canada—Montreal Airport, Dorval P.Q., Walnut 7721; C. E. Bernard.
Nairobi, Kenya—E.A.A.C. Mackin-ton's Bldg., Delamere Avenue, P. O. Box 1816; Nairobi 2532/3/4.
Nassau, Bahamas—Eastbourne House, East Street, P. O. Box 1192; Nassau 3771/2, 3775 & 3038.
Natal, Brazil—B.S.A.A. Edificio Quinho Rua Ferreira, Chaves 104, P. O. Box 154; Natal 1933.
New Orleans, La.—St. Charles Hotel, 739 Common Street; Tulane 3039.
Newark, N. J.—WX 4644.
New York, N. Y.—343 Madison Ave., MU 7-5906, Ext. 54; 134; R. D. Ritchie; Idlewild Airport; Olympia 6-5729, Ext. 53; J. Schutze.
Nicosia, Cyprus—Hull Blyth & Co. Ltd., P. O. Box 244, Metaxas Square; Nicosia 454/5/6 & 27.
Panama City, Panama—B.S.A.A., Avenida Tirol 29, Apartado No. 3253; Panama City 2-2113.
Philadelphia, Pa.—Walnut 2-2468.
Prestwick, Scotland—Prestwick Airport; Prestwick 7273 or Glasgow Central 1244 & 1245.
Rangoon, Burma—P. O. Box 923, 632 Merchant Street; South 556-1618-1619.
Rio de Janeiro, Brazil—B.S.A.A., Avenida Franklin Roosevelt 194-C; 42-4046.
Rome, Italy—B.E.A. Hotel Quirinale, Via Nazionale 7; Rome 45501.
St. Louis, Mo.—Main 4300.
Salisbury, S. Rhodesia—C.A.A.C. Airways Terminal, Grand Hotel An-nexa Spoke Avenue, P. O. Box 1219; Salisbury 30266.
San Francisco, Calif.—347 Stockton Street; Yukon 2-3570; D. Haviland, D.S.N.



Specify KLM

AIR CARGO LEADER

OVER THE ATLANTIC

Scheduled Freight

Flights Plus Daily

Service between New York

and All Europe, Africa,

Middle and Far East.

Time is Money on Your Books

1. Speed is more important today than ever before
2. Speed means faster collection of letters of credit
3. Speed eliminates excess inventory

FOR INFORMATION CALL YOUR FREIGHT FORWARDER or KLM Royal Dutch Airlines, 572 Fifth Avenue, New York 19, N. Y. Librarian 2-6000. Other KLM offices in Miami, Chicago, Los Angeles, San Francisco, Washington, Philadelphia, Boston, Montreal and Toronto.

WORLD'S FIRST AIRLINE



KLM

ROYAL DUTCH AIRLINES

AIRLINE CARGO DIRECTORY—Continued

Santiago, Chile—McIver 330; Santiago 31289, 34303 & 34516.
 Sao Paulo, Brazil—B.E.A.A., Alameda Barão de Limeira 114; 34-4217/34-3901.
 Seattle, Wash.—Mutual 0734.
 Shanghai, China—Jardine Matheson & Co. Ltd., 100 Peking Road (East); Shanghai 16390.
 Shannon, Eire—Shannon Airport, Rineanna; Shannon 104.
 Singapore, Malaya—Malaya Airways Ltd., Ocean Building, Collyer Quay; Singapore 3406; Qantas Empire Airways Limited, 86 Bras Basah Rd.; Singapore 5481.
 Southampton, England—Terminal Building, Berth 50; Southampton 3811.
 Sydney, Australia—Q.E.A., Shell House, 23 Margaret Street; BO, 271.
 Tehran, Persia—512 Avenue Ferdousi; Tehran 35811.
 Tel Aviv, Israel—Room 5, Yarden Hotel, 126 Ben Yehouda Street; Tel Aviv 4143.
 Tokyo, Japan—Sanshin Bldg., Yuraku-cho, 1 Chome; Chiyoda-Ku; Tokyo 37-3995, 6389, 3918.
 Toronto, Canada—33 King Street, West; Empire 3-4223; F. W. Surden.
 Trinidad, British West Indies—B.W.I.A., 121 Airways House, Chacon Street, Port of Spain; Trinidad 6191.
 Tripoli, Tripolitania—Tripoli Civil Airport, Castel Benito; Castel Benito 45, Exts. 5 & 74.
 Vaalburg, S. Africa—P. O. Box Deneysville Vaalburg Dam, O.F.S.; Deneysville 18/17.
 Victoria Falls, S. Rhodesia—R.O.A.C. Victoria Falls 16.
 Wadi Halfa, Sudan—Sudan Airways; Wadi Halfa 8.
 Washington, D. C.—1124 Connecticut Avenue, N.W.; Executive 3944/5/6; R. Dudley.
 Wellington, C.I.—T.E.A.L., Ground Floor D.I.C. Building, Brandon Street, P. O. Box 3037; 43-030.

CANADIAN PACIFIC AIR LINES

Address: Vancouver AMF, B. C. Can. adn.
 Phone: Kerrisdale 7000.
 Cable Address: CANPACAIR.
 Director-Sales & Advertising: H. B. Main.

Cargo Offices:

Banff, Alta.—Can. Pac. Stn.; F. Gaynor, A.
 Brandon, Man.—Smith Block; H. K. Wright, DPA.
 Brantford, Ont.—407 Colborne St.; S. G. Gunn, CPA.
 Brockville, Ont.—46 King St. West; W. M. Guild, CTA.
 Calgary, Alta.—Can. Pac. Stn.; J. R. Dickson, CPA.
 Chatham, Ont.—119 King St. W.; J. H. Agnew, CPA.
 Cornwall, Ont.—C.P.R. Stn., 607 Pitt St.; W. G. D. MacMillan, CPA.
 Drumheller, Alta.—Napier Theatre Bldg.; E. T. Richardson, FA.
 Edmonton, Alta.—Can. Pac. Bldg.; C. S. Doupe, DPA.
 Fort William, Ont.—108 So. May St.; E. E. Barham, DPA.
 Fredericton, N. B.—533 Queen St.; W. L. MacNamara, CTA.
 Galt, Ont.—23 No. Water St.; W. E. Jackson, CPA.
 Grand Mere, Que.—Can. Pac. Stn.; J. O. Pelletier, TA.
 Guelph, Ont.—30 Wyndham St.; W. C. Tully, CPA.
 Halifax, N. S.—351 Barrington St.; C. S. Clancy, DPA.
 Hamilton, Ont.—4 King St. West; K. C. Walker, DPA.
 Hull, Que.—103 Main St.; A. Guertin, CTA.
 Kelowna, B. C.—124 Water St.; B. W. Chapman, DPA.
 Kingston, Ont.—130 Wellington St.; J. H. Welch, CPA.
 Kitchener, Ont.—116 King St. W.; V. L. Dykeman, CPA.
 Leithbridge, Ont.—Can. Pac. Stn.; H. G. Stretton, TA.
 London, Ont.—301 Richmond Bldg.; R. H. Brunk, DPA.
 Medicine Hat, Alta.—Can. Pac. Stn.; E. Schmid, TA.
 Montreal, Que.—485 McGill St.; E. J. Wood, CPA.
 Moose Jaw, Sask.—Can. Pac. Stn.; J. A. MacDonell, DPA.
 Nanaimo, B. C.—Can. Pac. Pier; W. A. Todd, TA.
 Nelson, B. C.—Med. Arts Bldg.; K. D. Carmichael, DPA.

New Westminster, B. C.—Can. Pac. Stn.; R. M. Turner, TA.
 North Bay, Ont.—Can. Pac. Stn.; M. J. Kelly, DPA.
 Oshawa, Ont.—114 King St. E.; F. B. Moss, CPA.
 Ottawa, Ont.—484 Blackburn Bldg.; W. S. Gourley, DPA.
 Owen Sound, Ont.—348 Second Ave. E.; R. T. Hickey, CPA.
 Parry Sound, Ont.—James St.; G. L. Baker, CPA.
 Pembroke, Ont.—Pembroke St.; R. R. Tardif, CPA.
 Peterborough, Ont.—345 Main St.; E. Peniston, B. G.
 Peterborough, Ont.—343 George St.; T. G. M. Jamieson, CPA.
 Port Arthur, Ont.—Can. Pac. Stn.; H. R. Lawson, FA.
 Port Arthur, Ont.—Can. Pac. Stn.; W. Holmes, TA.
 Prince Rupert, B. C.—3rd Avenue West; H. H. Davies, QA.

Quebec, Que.—Palais Stn.; J. U. Lemieux, DPA.
 Regina, Sask.—Can. Pac. Stn.; J. C. Pike, DPA.
 St. Boniface, Man.—135 Provencher; H. D'Eschambault, CTA.
 Saint John, N. B.—40 King St.; H. I. Saunders, DPA.
 St. Thomas, Ont.—373 Talbot St.; W. E. Little, CPA.
 Saskatoon, Sask.—Can. Pac. Bldg.; C. T. Stanger, DPA.
 Saskatoon, Sask.—539 Queen St.; A. L. Thompson, CPA.
 Shawinigan Falls, Que.—Can. Pac. Stn.; A. Matte, TA.
 Sherbrooke, Que.—31 Wellington St.; N. J. A. Metivier, CPA.
 Sudbury, Ont.—Elgin and Elm; J. Campbell, CPA.
 Toronto, Ont.—King and Yonge; Geo. Martin, DPA.
 Trail, B. C.—Can. Pac. Stn.; J. C. Vipond, TA.

DOMESTIC AIR PARCEL POST RATES

Zone	First pound over 8 ounces		Additional pounds	
	Cents		Cents	
1, 2, and 3.....	40	40	40	40
4.....	45	45	45	45
5.....	50	50	50	50
6.....	55	55	55	55
7.....	60	60	60	60
8.....	65	65	65	65

Weight	Zone 1, 2 & 3	Zone 4	Zone 5	Zone 6	Zone 7	Zone 8
Over 8 ounces to—						
1 pound.....	\$0.60	\$0.65	\$0.70	\$0.75	\$0.75	\$0.80
2 pounds.....	1.03	1.15	1.25	1.35	1.47	1.60
3 pounds.....	1.58	1.65	1.83	2.03	2.19	2.40
4 pounds.....	2.04	2.15	2.38	2.67	2.91	3.20
5 pounds.....	2.53	2.65	2.94	3.31	3.68	4.00
6 pounds.....	3.00	3.15	3.50	4.00	4.35	4.80
7 pounds.....	3.48	3.65	4.06	4.59	5.07	5.60
8 pounds.....	3.96	4.15	4.63	5.23	5.79	6.40
9 pounds.....	4.44	4.65	5.18	5.87	6.51	7.20
10 pounds.....	4.94	5.15	5.74	6.48	7.23	8.00
11 pounds.....	5.40	5.65	6.30	7.15	7.95	8.80
12 pounds.....	5.88	6.15	6.86	7.79	8.67	9.60
13 pounds.....	6.36	6.65	7.43	8.43	9.39	10.40
14 pounds.....	6.84	7.15	7.98	9.07	10.11	11.20
15 pounds.....	7.32	7.65	8.54	9.71	10.82	12.00
16 pounds.....	7.80	8.15	9.10	10.35	11.55	12.80
17 pounds.....	8.28	8.65	9.66	10.99	12.27	13.60
18 pounds.....	8.76	9.15	10.22	11.63	12.99	14.40
19 pounds.....	9.24	9.65	10.78	12.27	13.71	15.20
20 pounds.....	9.72	10.15	11.34	12.91	14.43	16.00
21 pounds.....	10.20	10.65	11.90	13.55	15.15	16.80
22 pounds.....	10.68	11.15	12.46	14.19	15.87	17.60
23 pounds.....	11.16	11.65	13.02	14.83	16.59	18.40
24 pounds.....	11.64	12.15	13.58	15.47	17.31	19.20
25 pounds.....	12.12	12.65	14.14	16.11	18.03	20.00
26 pounds.....	12.60	13.15	14.70	16.75	18.75	20.80
27 pounds.....	13.08	13.65	15.26	17.39	19.47	21.60
28 pounds.....	13.56	14.15	15.82	18.03	20.19	22.40
29 pounds.....	14.04	14.65	16.38	18.67	20.91	23.20
30 pounds.....	14.52	15.15	16.94	19.31	21.63	24.00
31 pounds.....	15.00	15.65	17.50	19.95	22.35	24.80
32 pounds.....	15.48	16.15	18.06	20.59	23.07	25.60
33 pounds.....	15.96	16.65	18.62	21.23	23.79	26.40
34 pounds.....	16.44	17.15	19.18	21.87	24.51	27.20
35 pounds.....	16.92	17.65	19.74	22.51	25.23	28.00
36 pounds.....	17.40	18.15	20.30	23.15	25.95	28.80
37 pounds.....	17.88	18.65	20.86	23.79	26.67	29.60
38 pounds.....	18.36	19.15	21.42	24.43	27.39	30.40
39 pounds.....	18.84	19.65	21.98	25.07	28.11	31.20
40 pounds.....	19.32	20.15	22.54	25.71	28.83	32.00
41 pounds.....	19.80	20.65	23.10	26.35	29.55	32.80
42 pounds.....	20.28	21.15	23.66	26.99	30.27	33.60
43 pounds.....	20.76	21.65	24.22	27.63	30.99	34.40
44 pounds.....	21.24	22.15	24.78	28.27	31.71	35.20
45 pounds.....	21.72	22.65	25.34	28.91	32.43	36.00
46 pounds.....	22.20	23.15	25.90	29.55	33.15	36.80
47 pounds.....	22.68	23.65	26.46	30.19	33.87	37.60
48 pounds.....	23.16	24.15	27.02	30.83	34.59	38.40
49 pounds.....	23.64	24.65	27.58	31.47	35.31	39.20
50 pounds.....	24.12	25.15	28.14	32.11	36.03	40.00
51 pounds.....	24.60	25.65	28.70	32.75	36.75	40.80
52 pounds.....	25.08	26.15	29.26	33.39	37.47	41.60
53 pounds.....	25.56	26.65	29.82	34.03	38.19	42.40
54 pounds.....	26.04	27.15	30.38	34.67	38.91	43.20
55 pounds.....	26.52	27.65	30.94	35.31	39.63	44.00
56 pounds.....	27.00	28.15	31.50	35.95	40.35	44.80
57 pounds.....	27.48	28.65	32.06	36.59	41.07	45.60
58 pounds.....	27.96	29.15	32.62	37.23	41.79	46.40
59 pounds.....	28.44	29.65	33.18	37.87	42.51	47.20
60 pounds.....	28.92	30.15	33.74	38.51	43.23	48.00
61 pounds.....	29.40	30.65	34.30	39.15	43.95	48.80
62 pounds.....	29.88	31.15	34.86	39.79	44.67	49.60
63 pounds.....	30.36	31.65	35.42	40.43	45.39	50.40
64 pounds.....	30.84	32.15	35.98	41.07	46.11	51.20
65 pounds.....	31.32	32.65	36.54	41.71	46.83	52.00
66 pounds.....	31.80	33.15	37.10	42.35	47.55	52.80
67 pounds.....	32.28	33.65	37.66	42.99	48.27	53.60
68 pounds.....	32.76	34.15	38.22	43.63	48.99	54.40
69 pounds.....	33.24	34.65	38.78	44.27	49.71	55.20
70 pounds.....	33.72	35.15	39.34	44.91	50.43	56.00

Train Riviere, Que.—322 St. Pierre St.; J. A. Tourville, CPA.
Vancouver, B. C.—Can. Pac. Stn.; J. I. Peters, DFA.
Vernon, B. C.—Cor. Whitham and Barnard Sts.; E. Broom, FA.
Victoria, B. C.—1105 Government St.; C. F. Armistead, DFA.
Windsor, Ont.—214 Caron Ave.; H. M. Moyne, CPA.
Winnipeg, Man.—Main and Portage; W. E. Hoss, CPA.
Woodstock, Ont.—432 Dundas St.; M. C. Rudd, CPA.

CAPITAL AIRLINES

Address: National Airport, Washington 1, D. C.
Phone: Rpublic 6130, Exts. 362, 364.
Cargo Sales Manager: Guy M. Springer, Jr.
Asst. Cargo Sales Manager: L. J. Kichner, Jr.
Air Cargo Superintendent: James G. Erwin, Jr.

Cargo Offices:
Baltimore, Md.—305 N. Charles St.; Lexington 7480; Q. P. Ryder, DCSM.
Chicago, Ill.—79 W. Monroe St., Rm. 514; Dearborn 8750; John E. Courtright, DCSM.
Cleveland, O.—Hotel Cleveland; Cherry 3671; Jack W. Ruhl, DCSM.
Detroit, Mich.—1407 Washington Blvd.; Woodward 3-3900; Harry A. Grow, DCSM.
Knoxville, Tenn.—Farragot Hotel; Knoxville 4-1235; J. W. Conner, Jr., DCSM.
Milwaukee, Wis.—308 E. Wisconsin Ave.; Broadway 6140; Henry Van Hellen, DCSM.
Minneapolis, Minn.—635 Marquette Ave.; Atlantic 1611; Dale W. Bauer, DCSM.
New York, N. Y.—185 Broadway; Digby 9-1010; O. F. Stern, DCSM.
Pittsburgh, Pa.—William Penn Hotel; Grant 7555; Robert I. Brayley, DCSM.

CHICAGO AND SOUTHERN AIR LINES

Address: Municipal Airport, Memphis, Tenn.
Phone: 9-2641 Station 333.
Cable Address: CANS.
Cargo Traffic and Sales Manager: Gerald J. Keller.
Cargo Offices:
Beaumont, Tex.—Jefferson County Airport; 5-7541; L. C. Hanna, SNM.

Caracas, Venezuela—Edificio Paris, Plaza Cardalaria; 54.488; R. A. Gluski, GA.
Chicago, Ill.—223 N. Michigan; Portsmouth 7-1149; D. J. Langland, DSM.
Dallas, Tex.—Irwin-Kessler Bldg.; R-5513; Rodger Maier, SM.
Detroit, Mich.—1305 Washington; Woodward 3-5591; R. T. Brodhead.
El Dorado, Ark.—Goodwin Field; 3-7273; L. L. Doughty, SNM.
Evansville, Ind.—McCurdy Hotel; V. I. Rayburn, SM. 5-3023; A. J. Mehrie, SM.
Ft. Wayne, Ind.—Baer Field; Harrison 3352; J. L. Woods, SNM.
Greenwood, Miss.—Municipal Airport; 3318; P. P. Nicholson, SNM.
Havana, Cuba—301 Prado; M-3237; C. G. Sweater, DSM.
Hot Springs, Ark.—Waukesha Hotel; 5433; Preston Engler, SNM.
Houston, Texas—446 Mellie Esperson Bldg.; OL-2446; E. J. Bissell, DSM.
Indianapolis, Ind.—409 Merchants Bank Bldg.; Belmont 0701; R. D. Campbell, DSM.
Jackson, Miss.—Heidelberg Hotel; 3-2517; Warren Farmer, SNM.
Kansas City, Mo.—Muehlebach Hotel; Grand 7612; V. A. Menais, TM.
Kingsport, Jamaica—Myrtle Bank Hotel; 4215; Harry Jones, SM.
Little Rock, Ark.—Marion Hotel; 4-2040; Barton Brooks, SM.
Los Angeles, Calif.—3613 Saturn, Huntington Park; Logan 4746; T. P. Harris, SM.
Memphis, Tenn.—Peabody Hotel; 5-2641, Sta. 242; G. W. Davidson, DSM.
New Orleans, La.—1043 National Bank of Commerce Bldg.; Kenner 7256, 7257, 7260; R. L. Young, DSM.
New York, N. Y.—30 E. 42nd St., MU 7-6787; G. F. O'Hagen, SM.
Padesch, Ky.—Barkley Airport; 5185; R. E. Harwood, SNM.
Pine Bluff, Ark.—Grider Field, 6152; R. D. DeWeese, SNM.
San Francisco, Calif.—345 Stockton; Yukon 4-5776; G. T. Sprout, SM.
Shreveport, La.—Washington-Youree Hotel; 3-8661; W. E. Perrett, SM.
Springfield, Mo.—Municipal Airport; 3-7153; L. F. Hasselbart, c/o American.
St. Louis, Mo.—518 Ambassador Bldg.; Delmar 3473; J. L. Copland, DSM.
Terre Haute, Ind.—Hulman Airport; Crawford 4257; C. E. Duffy, c/o TWA.

Toledo, Ohio—Commodore Perry Arcade; LU5501, 5511; K. M. Bates, c/o United Airlines.
Tulsa, Okla.—Alvin Hotel, 317 S. Main St.; 2-0202; R. L. Webb, SM.

CHRISTENSEN AIR SERVICE

Address: Box 413, Anchorage, Alaska.
Phone: 42171 & 24193.
Owner: Hakon Christensen.
Cargo Office:
Seward, Alaska—Main 59.

COLONIAL AIRLINES

Address: 320 Park Avenue, New York 17, N. Y.
Phone: Circle 5-5000, Ext. 31.
Cable Address: COLREAIR, New York.
Director-Cargo Sales: Carl S. Rootgen.
Cargo Offices:
Albany, N. Y.—Airport Terminal Bldg.; Albany 3-3578; George Grebert, R.
Baltimore, Md.—Airport Terminal Bldg.; Riverside 3575; Att. Capital Airlines.
Bermuda (Hamilton)—Front St.; Hamilton 3904; A. Wagstaff, R.
Burlington, Vt.—Airport Terminal Office; Burlington 4400; H. Ashley, M.
Corwall, Ontario—Massena Airport Terminal, Massena, N. Y.; Zenith 4-7600; V. Murphy, R.
Glens Falls, N. Y.—Office Airport Terminal; Glens Falls 3-5855; R. McNally, R.
Lake Placid, N. Y. (also includes Saranac Lk.)—Saranac Airport Terminal; Saranac 1135; R. Fariss, R.
Malone, N. Y.—Airport Terminal Bldg.; Malone 1650; W. Buxton, R.
Massena, N. Y.—Airport Terminal Bldg.; Massena 1604; V. Murphy, R.
Montreal, Quebec—Dorval Airport; Market 2501; V. Gill, R.
New York, N. Y.—La Guardia Field. Domestic Admin. Bldg.; Havemeyer 6-9577; Miss E. Baker, R.
Ottawa, Ontario—Airport Terminal Bldg.; Ottawa 3-7281; W. McKenna, R.
Plattsburg, N. Y.—Airport Terminal Bldg.; Plattsburg 1933; Charles Ravlin, R.
Poughkeepsie, N. Y.—Dutchess County Airport; Poughkeepsie 4500; R. Taylor, R.
Reading, Pa.—Reading Munic. Airport; Reading 4-9436; R. Breitengam, R.

Now on Sale

1951 Edition

of the

CUSTOM HOUSE GUIDE

Includes

Special Supplement

covering the

TORQUAY AGREEMENT

FOREIGN FREIGHT FORWARDERS

EXPEDITERS OF INTERNATIONAL CARGOES

REGISTERED MEMBERS OF I. F. A. INC. AND U. S. FEDERAL MARITIME BOARD
 LICENSED FORWARDERS—REGISTRATION NO. 400

by Air . . .

EXPORT

E. L. O'REILLY COMPANY

IMPORT

by Sea . . .

In NEW YORK, 17 State St. . . HANOVER 2-6630

In NEW ORLEANS, American Bank Bldg. . . Canal 1274

Agents: Paris, Le Havre, Brussels, Antwerp, London, Manchester, Liverpool, Buenos Aires, Montevideo

Rutland, Vt.—MacArthur Munic. Airport; Rutland 2762; E. Barrett, R. Seranton, Pa.—Avoca Airport Terminal; Seranton 2-3289; W. Sneed, A. Syracuse, N. Y.—Airport Terminal Bldg.; Syracuse 2-3283; L. Judd, R. Washington, D. C.—National Airport Terminal; Executive 3011; R. Flannery, R. Watertown, N. Y.—Airport Terminal Bldg.; Dexter 51; R. V. Moss, R. Wilkes-Barre, Pa.—Avoca Airport Terminal; Scranton 2-3289; W. Sneed, A.

CONTINENTAL AIR LINES

Address: Stapleton Airfield, Denver, Colorado.
Phone: Dexter 1622, Ext. 235.
Cargo Sales Manager: John A. Smith.
Cargo Offices:
Albuquerque, N. M.—Kirtland Field; 6621; John Leopold, R.
Bartlesville, Okla.—Municipal Airport; 147; C. V. Shaw, R.
Big Spring, Tex.—Municipal Airport; 1800; H. G. Hassan, R.
Carlsbad, N. M.—Municipal Airport; 26; Hugo Nilson, R.
Colorado Springs, Colo.—Peterson Field; Main 931; Jack Karina, R.
Denver, Colo.—Stapleton Airfield; Dexter 1984; Jack Daniels, R.
Dodge City, Kan.—Municipal Airport; 531; Rodger D. Carver, R.
El Paso, Tex.—International Airport; 2-2455; Wayne Curto, R.
Garden City, Kan.—New Municipal Airport; 432; R. G. Montgomery, R.
Hobbs, N. M.—Municipal Airport; 690; E. E. Pennington, R.
Hutchinson, Kan.—Municipal Airport; 4141; Jack Black, R.
Kansas City, Mo.—Municipal Airport; Norcross 3700; C. N. Collier, R.
La Crosse, N. M.—Municipal Airport; 132; G. E. Hosner, R.
La Junta, Colo.—Municipal Airport; 735; R. L. Miller, R.
Las Vegas, N. M.—Municipal Airport; 42; Billy Watson, R.
Lawton, Okla.—Post Field; 4414; J. C. Williams, R.
Lubbock, Tex.—Hilton Hotel; 9349; Ridgely Mills, R.

Midland, Tex.—Midland Air Terminal; Midland 920, Odessa 6911; J. C. Carlson, R.
Okla. City, Okla.—Will Rogers Field; 63-4498; Dwight Crippin, R.
Pueblo, Colo.—Municipal Airport; 1197; P. Y. Rainer, R.
Raton, N. M.—Crews Field; 1025; H. G. Hassan, R.
Nowell, N. M.—Municipal Airport; 1298; H. H. Atkinson, R.
Salinas, Kan.—Municipal Airport; 7-1107; Lester A. Brown.
San Angelo, Tex.—Mathis Field; 7191; Preston Hopkins, R.
San Antonio, Tex.—Municipal Airport; Travis 2601; M. B. Carpenter, R.
Santa Fe, N. M.—Municipal Airport; 1079; H. H. Kleefuss, R.
Secorro, N. M.—Municipal Airport; 230; c/o Ridge Bros.
Topeka, Kan.—Municipal Airport; 2-2307; Jon Schuenicht, R.
Triad, Okla.—Municipal Airport; 1940; William R. McGovern, R.
Truth or Consequences, N. M.—Municipal Airport; LD 7 Ri; c/o J. B. Wright.
Tulsa, Okla.—Municipal Airport; 2-4401; C. A. Schumacher, R.
Wichita, Kan.—Municipal Airport; 6-6446; K. R. Hastings, R.
Wichita Falls, Tex.—Municipal Airport; 2-5151, R.

DELTA AIR LINES

Address: Municipal Airport, Atlanta, Georgia.
Phone: Calhoun 6622, Ext. 553.
Cargo Traffic and Sales Manager: Paul W. Pate.
Cargo Offices:
Alexandria, La.—Army Air Base; 4171; A. M. Hollis, SNM.
Asheville, N. C.—Asheville-Hendersonville Airport; 7601; D. H. Jackson, SNM.
Atlanta, Ga.—44 Pryor St.; Lamar 1549; G. L. McGraw, CSR.
Augusta, Ga.—Richmond Hotel; 2-1232; J. R. Robinson, CSM.
Baton Rouge, La.—Harding Field; 5-4491; Doyle Payne, SNM.

Birmingham, Ala.—2003 Fifth Ave. North; 4-3262; L. M. Alexander, CSM.
Brunswick, Ga.—St. Simons Island; 3071, Brunswick 167; W. A. Smith, SNM.
Charleston, S. C.—Francis Marion Hotel; 2-2476; Riley Morton, SR.
Chattanooga, Tenn.—Hotel Patten; 7-3553; W. E. Riley, CSM.
Chicago, Ill.—47 East Monroe St.; Portsmouth 7-1906; L. E. Olson, AFS.
Cincinnati, O.—349 Traction Bldg.; Main 9499; A. L. Caughey, CSR.
Columbia, S. C.—Hotel Wade Hampton; 2-1822; Henry Ross, CSM.
Columbus, Ga.—Muscooge City Airport; 2-7430; F. A. Young, SNM.
Dallas, Tex.—530 Mercantile Bldg.; Central 5048; T. L. Kohn, CSR.
Fort Worth, Tex.—Hotel Texas; 26-1455; R. D. Cade, SR.
Greenville, S. C.—Municipal Airport; 2-3213; W. F. Jurecki, SNM.
Hattiesburg, Miss.—Municipal Airport; 2-555; C. W. Stewart, SNM.
Jackson, Miss.—Edwards Hotel; 2-0861; B. G. Wells, CSM.
Jacksonville, Fla.—256 West Forsyth St.; 2-3149; W. K. Anderson, CSM.
Knoxville, Tenn.—Journal Arcade; 2-8235; R. L. Daggett, CSM.
Kokomo, Ind.—Municipal Airport; 1089; L. F. Wentrup, SNM.
Lexington, Ky.—Blue Grass Airport; 4-8036; C. N. Irby, SNM.
Longview, Tex.—Griggs County Airport; 2702; J. M. Brown, SNM.
Macon, Ga.—Cochran Municipal Airport; 2107; J. P. Stanton, SNM.
Meridian, Miss.—Key Field; 2-3141; W. C. Thompson, SNM.
Miami, Fla.—300 N. E. First St.; 82-8686; R. H. Bishop, CSM.
Memphis, La.—Selma Field; 1839; J. H. Morris, SNM.
Montgomery, Ala.—Dannally Field; 2-4161; R. F. Bonner, SNM.
New Orleans, La.—St. Charles Hotel; Tulane 5-441; H. J. Pontif, CSR.
Richmond, Ind.—Municipal Airport; 2-6551; L. R. Keen, SNM.
Savannah, Ga.—Hotel Savannah; 2-4204; G. H. O'Brien, CSM.
Shreveport, La.—Washington-Toussaint Hotel; 2-3409; O. P. Willis, CSM.
Spartanburg, S. C.—Memorial Airport; 7131; H. A. Nabors, SNM.
Tyler, Tex.—Pounds Field; 4-3455; T. J. O'Shea, SNM.

DILLINGHAM AIR SERVICE

Address: Dillingham, Bristol Bay, Alaska.
Business Manager: Robert D. Fenneo.

EASTERN AIR LINES

Address: 10 Rockefeller Plaza, New York, N. Y.
Phone: Circle 6-3200.
Cable Address: SILVAFLEET.
Director of Cargo: Richard W. Gilbert.
Cargo Offices:
Akron, Ohio—Akron-Canton Airport; Parkway 1255.
Albany, Ga.—Municipal Airport; 2716.
Anderson, S. C.—Municipal Airport; 2500.
Atlanta, Ga.—Atlanta Airport; Calhoun 1191.
Atlantic City, N. J.—Municipal Airport; Pleasantville 2500.
Augusta, Ga.—Municipal Airport; 2-4684.
Baltimore, Md.—Friendship International Airport; Mulberry 5550.
Baton Rouge, La.—Harding Field; 5-3882.
Bloomington, Tex.—Jefferson County Airport; 44572.
Birmingham, Ala.—Municipal Airport; 2-3236.
Boston, Mass.—Logan International; East Boston 4422.
Bowling Green, Ky.—Bowling Green-Warren Co. Airport; 2325.
Brownsville, Tex.—Rio Grande International Airport; 2-6702.
Brunswick, Ga.—Malcolm B. McKinnon Airport; Brunswick 3707, St. Simons 2861.
Charleston, S. C.—Municipal Airport; 4-3216, 2-4551.
Charleston, W. Va.—Kanawha County Airport; 6-0308, 0301.
Charlotte, N. C.—Douglas Airport; 5-6015.
Chattanooga, Tenn.—Lovell Field; 2-1107.
Chicago, Ill.—Midway Airport; Portsmouth 7-6736.



EXPERIENCED HANDS

Mean Fast, Safe

Air Freight Forwarding

I T IS ELEMENTARY that air freight must move swiftly and safely with a minimum of delay.

But—

many factors are working constantly to delay your shipments such as—faulty or careless handling of the great volume of papers and documents—incorrect routing for your particular shipment—inexperienced handling to airports.

The Intra-Mar air freight forwarding experts perform these tasks day after day. Their experience and knowledge are at your disposal. Experience and knowledge are the difference between rapid safe delivery and dissatisfied consignees.

Entrust your shipment to experienced hands.

INTRA-MAR
 SHIPPING CORP.

Inquiries: 11 Broadway, New York 4
Freight: 33 Front St., New York } WHtchall 3-7331
 126 Carondelet St., New Orleans, La.
 461 Market St., San Francisco, Calif.
 N. Y. International Airport (Idlewild), Jamaica, N. Y.
 Miami International Airport, Miami, Fla.
 Cables: Tramarship

Cleveland, Ohio—Municipal Airport; Clearwater 1-8870, 8871.
Columbia, S. C.—Columbia Airport; 5158.
Columbus, Ga.—Muscookee County Airport; 1-8335.
Corpus Christi, Tex.—Municipal Airport; 34468, 34467.
Danville, Va.—Municipal Airport; 229, 230.
Daytona Beach—Municipal Airport; 2-3594, 3595.
Detroit, Mich.—Willow Run Airport; Ypsilanti 3270.
Detham, Ala.—Municipal Airport; 8-2100.
Evansville, Ind.—Municipal Airport; 3-6477, 3-6761.
Florence, S. C.—Municipal Airport; 8255.
Gainesville, Fla.—John R. Allison Municipal Airport; 4374.
Greensboro-High Point, N. C.—Greensboro-H. P. Airport; 4-4841.
Greenville, S. C.—Municipal Airport; 3-2732.
Hartford-Springfield, Conn.—Bradley Field, Windsor Locks, Conn.; Hartford 7-7166, Windsor Locks 7-7166.
Houston, Tex.—Municipal Airport; Olive 3661.
Huntsville, Ala.—Municipal Airport; 2040.
Indianapolis, Ind.—Municipal Airport; Belmont 9251.
Jacksonville, Fla.—Imeson Municipal Airport; 3-3657.
Lafayette-New Iberia, La.—Lafayette Municipal Airport; 8-8536.
Lake Charles, La.—Lake Charles Air Base; 6-3645.
Lexington-Frankfort, Ky.—Blue Grass Field; 4-5795.
Louisville, Ky.—Standiford Field; Atwood 1646.
Macon, Ga.—Cochran Field; 3-3701, 3702.
Memphis, Tenn.—Municipal Airport; 39-2489.
Miami, Fla.—36th Street Airport; 88-5441.
Mobile, Ala.—Bates Field; 6-3606.
Montgomery, Ala.—Dannelly Field; 3-0586.
Muscle Shoals, Ala.—Muscle Shoals Airport, Sheffield, Ala.; Sheffield 2918.
Nashville, Tenn.—Nashville Municipal Airport; 8-7231.
New Haven, Conn.—Municipal Airport; Hobart 7-5311.
New Orleans, La.—Molaison Airport; 4-2601.
New York, N. Y.—La Guardia Field; Newton 9-3200.
Newark, N. J.—Newark Airport; Mitchell 3-6073.
Orlando, Fla.—Taylor Field Municipal; 1708.
Orlando, Fla.—Municipal Airport; 3-8538.
Owensboro, Ky.—Davies County Airport; 3-1555.
Pensacola, Fla.—Municipal Airport; 8-4528.
Philadelphia, Pa.—Philadelphia International Airport; Saratoga 3-2713, 3-2118.
Pittsburgh, Pa.—Pittsburgh Allegheny Airport; Homestead 3-0523.
Port Arthur, Tex.—Jefferson County; 33317.
Providence, R. I.—Rhode Island State Airport; Union 1-9500.

Raleigh-Durham, N. C.—Raleigh-Durham Airport; Raleigh, N. C.; Raleigh 8876, Durham 6911.
Richmond, Va.—Byrd Field; Fairfield 3525.
Roanoke, Va.—Woodrum Field; 3-4474.
Rome, Ga.—Russell Field; 3-1521.
St. Louis, Mo.—Lambert Field; Terryhill 5-3710.
St. Petersburg, Fla.—Pinellas Airport; 7-3212.
San Antonio, Tex.—San Antonio Municipal Airport; Travis 3485.
San Juan, P. R.—Isla Grande Naval Air Station; 3-1461, 3-5610.
Savannah, Ga.—Chatham Field; 30211, 30212.
Spartanburg, S. C.—Memorial Airport; 34571.
Tallahassee, Fla.—Dale Mabry Airport; 3-5260, 3-0839.
Tampa, Fla.—Tampa International; 80-1211.
Vero Beach, Fla.—Municipal Airport; 2344, 2345.
Washington, D. C.—National Airport; Republic 6880, 6881.
Waycross, Ga.—Waycross and Ware County Airport; 2237.
West Palm Beach, Fla.—Palm Beach County Airport; 3-3828.
Wilmington, Del.—New Castle County Airport; Newcastle 689.
Winston-Salem, N. C.—Smith Reynolds Airport; 3-5501.

EL AL ISRAEL AIRLINES

Address: 13 Rothschild Blvd., Tel Aviv, Israel.
Phone: 4688.
Cable Address: ISRAELAL.
U. S. Cargo Manager: Charles H. Vasseur.
Cargo Offices:
Athens, Greece—Allalouf, 22, Praxitelous St.; Tel. 27-784.
Brussels, Belgium—6 Rue du Midi (Shoham); Tel. 11,92,44/11,43,80.
Copenhagen, Denmark—Livjagergade 44; Tel. Triv 1219, 2147.
Haifa, Israel—7/9 Kingsway (Shoham); Tel. 4433-4-5.
Istanbul, Turkey—348/9 Istiklal Cadessi; Tel. 42566.
Jerusalem, Israel—General Bldg. (Shoham); Tel. 5478.
Johannesburg, S. Africa—408 Maritime House, Loveday St.; Tel. 34-2257-3.
London, England—295 Regent St., W.1; Langham 8484.
Melbourne, Australia—35-37 Ellia-beth St.; Tel. Cent. 1774-357.
Nicosia, Cyprus—155 Ledra St.; Tel. 745.
Paris, France—6 Ave. de l'Opéra; Tel. Opéra 2166.
New York, N. Y.—37 W. 57 St.; Plaza 9-5610.
Naples, Italy—via A. Depretis, 41-43; Tel. 20,614, 20,950.
Rome, Italy—64 Via Bissolati; Tel. 487759, 485535.
Tel Aviv, Israel—13 Rothschild Blvd.; Tel. 6112.
Vienna, Austria—5/1 Pichthgasse; Tel. R 27116, R 27156.
Zurich, Switzerland—Fraumünsterstr. 2; Tel. 273000.

ELLIS AIRLINES

Address: Box 1059, Ketchikan, Alaska.
Phone: 451.
Cargo Offices:
Craig, Alaska—Ellis Air Lines.
Hydaburg, Alaska—Ellis Air Lines.
Klawock, Alaska—Ellis Air Lines.
Wrangell, Alaska—Ellis Air Lines.

**EXPRESO ALREO
INTERAMERICANO**

Address: Prado 60, Havana, Cuba.
Phone: M-3465.
Cable Address: INTAM.
Cargo Manager: Adolfo Novo.
Cargo Offices:
Miami—3012 St. Airport, Bldg. 354; 88-1291; J. A. Galdo.
New York—173 W. 97th St.; MOnument 8-5200; G. J. Jessel.



**SHIP
BY
SAS**

**PAR CARGO TO
EUROPE
OVERNIGHT!**

Here's your swift, reliable "highway" to all Europe—plus the Near and Far East. 12 hours to Britain... overnight to 6 German cities... daily flights to Central Europe. Save money on low commodity rates!

• **SAS GROUND-HANDLING**, system-wide means rapid, responsible forwarding.

See Your
Air Cargo Agent



**SCANDINAVIAN
AIRLINES SYSTEM**



ALLTRANSPORT INCORPORATED

6 State Street • New York 4, N. Y.

Experts in International Transportation
Offices in all Principal Pan American Centers
Recognized by the International Air Transport Association

FORWARDERS FHE No. 515

**SPECIALIZED AIR CARGO HANDLING BY OUR
AIR CARGO DIVISION**

46 Whitehall Street Phone • WHitehall 3-0250 New York 4, N. Y.

FLYING TIGER LINE

Address: Lockheed Air Terminal, Burbank, Calif.
Phone: Stanley 7-3411.
Cable Address: FLTYTIGER.
President: Robert W. Prescott.
Vice President-Sales: George T. Cussen.

Cargo Offices:

Akron, O.—Akron-Canton Airport; Enterprise 7-100; William Grant, DSM.
Boston, Mass.—International Airport; East Boston 7-6181; Albert Farr, DSM.
Buffalo, N. Y.—Municipal Airport; Plaza 3971; David Cruickshank, DSM.
Burbank, Calif.—Lockheed Air Terminal; Stanley 7-3411; Ted Holmgren, DSM.
Canton, O.—Akron-Canton Airport; North Canton 9-7108; William Grant, DSM.
Chicago, Ill.—Municipal Airport; Portsmouth 7-2400; Frank Cline, DSM.
Cleveland, O.—Municipal Airport; Winton 1-8777; Walter Bowman, DSM.
Denver, Colo.—Stapleton Field; East 1889; George Zettler, DSM.
Detroit, Mich.—Wayne-Major Air; Logan 3-9700; Arthur Bryggis, DSM.
Hartford, Conn.—Brainard Air; Hartford 3-3145; Robert Fitzgerald, DSM.
Los Angeles, Calif.—Lockheed Air Terminal; Stanley 7-3411; Ted Holmgren, DSM.
Milwaukee, Wis.—Mitchell Field; Humboldt 3-5000; Arthur Loftus, DSM.
New York, N. Y.—207 Fourth St.; Spring 7-8360; George Dart, EDSM; Joseph Garrity, DSM.
Newark, N. J.—Newark Airport; Market 7-7480; Joseph Hart, DSM.
Oakland, Calif.—Municipal Airport; Lockhaven 9-1777; Van Hurd, DSM.
Philadelphia, Pa.—International Airport; Saratoga 7-5300; Robert Burke, DSM.
Providence, R. I.—183 Charles St.; Union 1-3113; Gaspes 1-4653.
Richmond, N. Y.—Enders Delivery Service, 32 Edinburgh St.; Hamilton 3490.
San Diego, Calif.—4903 Pacific Highway; Franklin 6504; Bill Kendal, DSM.
San Francisco, Calif.—Municipal Airport; Juniper 7-3663; Charles Greene, DSM.
Toledo, Ohio—137 Hamilton Ave.; Tel.; Garfield 4276; James Mayer, DSM.

FRONTIER AIRLINES

Address: Stapleton Airfield, Denver 7, Colorado.

Phone: DEXter 5415, Ext. 2.
Cargo Sales Manager: G. S. Kitchen.

Cargo Offices:

Alamosa, Colo.—Municipal Airport; 1500; S. E. Edmiston, SNM.
Albuquerque, N. M.—Kirtland Field; 3-6811; E. H. Knudson, SNM.
Ashe, Wyo.—Greybull 153-J; William Garbutt, SNM.
Billings, Mont.—Municipal Airport; 3284; L. D. Zella, SNM.
Biabe, Ariz.—Biabe-Douglas International Airport; Douglas 760; Carlton Foster, SNM.
Casper, Wyo.—Natrona County Airport; 4470; Ronald Gides, SNM.
Cheyenne, Wyo.—Municipal Airport; 644; Robt Anderson, SNM.
Chftoa, Ariz.—Chifton-Morenci Airport; Tel.; Chifton Airport; Geo. Slivka, SNM.
Cody, Wyo.—Powell Municipal Airport; Powell 9310; C. V. Black, SNM.
Colorado Springs, Colo.—Peterson Field; Main 2872; Jack Karina, SNM.
Cortez, Colo.—Montezuma County Airport; 60; P. L. Klatt, SNM.
Deming, N. M.—Municipal Airport; 63; David Bullis, SNM.
Delta, Colo.—Montrose Municipal Airport; Montrose 78; Harry Cutler, SNM.
Denver, Colo.—Stapleton Airfield; Florida 3515; G. S. Kitchen, DSM.
Douglas, Ariz.—Biabe-Douglas International Airport; 760; Carlton Foster, SNM.
Durango, Colo.—New City-County Airport; 605; J. L. Slatten, SNM.

El Paso, Texas—El Paso International Airport; 2-3174; S. N. Parkinson, SR.

Farmington, N. M.—Municipal Airport; 156-W; Paul Almquist, SNM.
Flagstaff, Ariz.—Municipal Airport; 907; C. P. Olson, SNM.
Gallup, N. M.—Thunderbird Airport; 13; Les Bendickson, SNM.
Grand Junction, Colo.—Walker Field; 3010; R. E. Sommers.
Greeley, Colo.—Crosier Field; 1133; Graybill, Wyo.—Municipal Airport; 153-J; William Garbutt, SNM.
Gunnison, Colo.—County Airport; 146; Lyman Thomas, SNM.
Lander, Wyo.—Riverton Municipal Airport; Riverton 140; Harold E. Davis, SNM.
Laramie, Wyo.—General Brees Field; 2156; R. C. Ransom, SNM.
Las Cruces, N. M.—Municipal Airport; 1573; Gerald Hosner, SNM.
Lordsburg, N. M.—Lordsburg Airport; 07-R; Wm. Viaming, SNM.
Lowell, Wyo.—Powell Municipal Airport; Powell 0310; C. V. Black, SNM.
Montrose, Colo.—Municipal Airport; 76; Harry Cutler.
Monte Vista, Colo.—Municipal Airport; 557-W; Donald Wadleigh, SNM.
Morenci, Ariz.—See Chifton, Ariz.
Nogales, Ariz.—Nogales International Airport; 705; R. L. Horr, SNM.
Phoenix, Ariz.—Sky Harbor Airport; 3-3489; Charles Groth, SNM.
Powell, Wyo.—Municipal Airport; 0210; C. V. Black, SNM.
Prescott, Ariz.—E. A. Love Airport; 136; E. R. Talbot, SNM.
Fries, Utah—Carbon County Airport; 083-R; Lamar Rainap, SNM.
Pueblo, Colo.—Municipal Airport; 7683; Fletcher Rainer, SNM.
Rawlins, Wyo.—Municipal Airport; 899; R. C. Butcher, SNM.
Riverton, Wyo.—Municipal Airport; 140; Harold E. Davis, SNM.
Rock Springs, Wyo.—Thomas Berta Field; 897-W; L. L. Jerab, SNM.
Safford, Ariz.—Municipal Airport; 775-W; Robt Patterson, SNM.
Salt Lake City, Utah—Municipal Airport; 3-6736; L. A. Berta, SNM.
Tucson, Ariz.—Municipal Airport; 3-6671; Donald Clem, SNM.
Vernal, Utah—Vernal Airport; 480-W; Robert Tarno, SNM.
Winslow, Ariz.—Municipal Airport; 811; E. C. Twing, SNM.
Woodland, Wyo.—Municipal Airport; 557-W; Jim Senstad, SNM.

HAWAIIAN AIRLINES

Address: Box 1387, Honolulu 1, Hawaii, U. S. A.

Phone: 57925.

Cable Address: HAWAII.

Cable Manager: J. Walton Wood.

Cargo Offices:

Hilo, Hawaii—35 Waiakuanue Ave.; 3305.
Honolulu, Hawaii—Halekauwila & Kakaako Bldg.; 5432.
Kaunoi, Hawaii—Nawiliwili Transportation Co. Agents; 791.
Kaunakakai, Hawaii—Phones N. Kona 2W741, S. Kona 2W841.
Lanai, Hawaii—Lanai City; 3145.
Mauai, Hawaii—63 High St.; Wailuku 7249.
Molokai, Hawaii—Kauanakakai; 2-W-46.
Upolu Point, Hawaii—Phone Kohala 401, 295.

INLAND AIRWAYS

Address: Box 53, Walla Walla, Washington.

Phone: 4650.

General Traffic Manager: Kenny Martin.

Cargo Offices:

Pasco, Wash.—Airport; Ph. 4431.
Seattle, Wash.—Boeing Field; RA 2825.
Walla Walla, Wash.—Box 53; 4650.
Yakima, Wash.—Airport; 2-7091.

KLM ROYAL DUTCH AIRLINES

Address: Badhuysweg 260, The Hague, Netherlands.

Phone: K-1700/183060.

Cable Address: TRANSAERATELEX.

DENHAAG.

Director of Freight Division: Dr. D. S. de Boer.

U. S. Cargo Sales Manager: Alvin E. Laverson.

U. S. Cargo Traffic Manager: A. J. Rickard.

Cargo Offices:

Amsterdam, Neth.—Leidsplein 1-3; 33883.
Antwerp, Belg.—Meir 55; 336758.
Athens, Greece—Avenue Venizelos 13 (6th floor); 20135.
Bagdad, Iraq—Col. Dwyer & Co., Ltd., Air Lines House, King Faisal Avenue; 6066.
Bangkok, Thai.—The Holland-Siam Trading Co., Ltd., Hong Kong Bank Lane; 30950, 30956.
Basle, Switz.—Centralbahnplatz 13 (1. Stock); 35974.
Batavia, Ind.—Margil Civil Airport.
Berlin, Germany—Kurfurstendamm 17 1, Berlin W-30, 912527, 912584, 913011.
Beirut, Lebanon—Joseph Abou-Jacode Travel Bureau, chambre 25, Boite Postale 1523; 98-41.
Birmingham, England—Daimler House, 34 Paradise Street; Midland 4912.
Bogota, Colombia—Edificio Caja Colombiana de Ahorros 913, Carrera 3a no 15-45, Apartado Aerea no 495; 12802.
Bombay, India—Trading Company Late Hag & Co., Ltd., Taj Mahal Hotel (Firm Court) Strand Road, Bombay 1; 36391.
Bonn, Germany—Dummerlerhaus, Kaiserstrasse 33; 4210.
Brussels, Belgium—Shell Building, Catherine 43; 112093.
Buenos Aires, Arg.—Calle 35 de Mayo; 500206/7/8.
Calcutta, India—Netherlands Trade Agencies, 50 Abdel Khalek Sarwat Pacha Street; 77559, 49326.
Calcutta, India—Java-Bangal Line, 1-7 Notall Subhas Road, P.O. Box 71; City 44573/4.
Cape Town, S. Africa—Stoutford's Buildings, Room 745, St. George St., P.O. Box 3747; 2-5147.
Caracas, Venez.—Royal Neth. Steamship Co., El Silencio, Bloque 1 No. 12, 87200, 87295.
Chicago, Ill.—Champlain Building, suite 1109, 37 South Wabash Ave.; Financial 6-3553.
Colombo, Ceylon—Messrs. Aitken, Spence and Co., Ltd., Lloyd's Building, 7 Prince Street, P.O. Box 5; 3236, 3239.
Copenhagen, Den.—Shellhuset, Kampmannsgade 2; BYen 559.
Caracas, N.W.I.—Hendrikplein 13, Willemstad; 1030, 1031, 2123, 2469.
Dakar, F. W. Africa—Rue Parent; 2503, 2509.
Damascus, Syria—Rue Al-Fardous-Imm. Soueld, Boite Postale 455; 12395/6.
Delhi, India—Malhotra Building, Queensway, New Delhi; 4007/11.
Diakarta, Indonesia—Noordwijk 15; Gambin 6080.
Dublin, Ireland—71 Merrion Square; 65172.
Durban, S. Africa—Paramount Building/-gebou, Room/Kamer 3, Fenton Road, 393 Smith St./straat; 62459.
Dusseldorf, Germany—Hansahaus, Graf Adolfsstrasse 32; 27655.
Essen, Neth.—Welschap; 5343 2657.
Frankfurt, Germany—Hotel Frankfurt-Hof, Friedrich Eberstrasse 17; 5434/3.
Gander, N. F.—Newfoundland Airport.
Geneva, Switz.—34 Grand Quai; 5.62.06, 5.62.07.
Glasgow, Scotland—Freestwick Airport, Ayrshire; Freestwick 7273 (ext. 13, 133).
Gothenburg, Sweden—Centrum Huset, Kungsgatan 63; 113.12, 113.113.
Grovenhage, Neth.—Hoofdkantoor/Head office/Siege social/Oficina central/Hauptbüro/Diriziona Generale, Badhuysweg 260, Postbus 131; 125060, 125536, 126076.
Havana, Cuba—Prado 351, esq. Trocadero, Edificio Sevilla Biltmore; M-7669.
Hatifa, Israel—Abrahamoff Bros., 8 Khayat St.; 2005.
Hamburg, Germany—Flughafen Fuhlsbuttel; 593765.
Helsinki, Finland—Aleksanterinkatu 7; 31797.
Innsbruck, Austria—Bonner Platz 7; 5714.
Istanbul, Turkey—Turhol Ticaret Ltd., Stl. Atlas Sinema Pasaji, Istiklal Caddes 209/4, Beyoglu; 40764.
Jaffa-Telaviv, Israel—Abrahamoff Bros., 3 Akhusat Beit Street; 5217, 5218.

AIRLINE CARGO DIRECTORY—Continued

Jerusalem, Israel—Abrahamov Bros., Cinema Orion Lane, Carmel Mirzachi House; 5369.

Johannesburg, S. Africa—Locarno House/gobou, Loveday Street/straat, P. O. Box/Postbus 8634; 34-3756.

Kano, Nigeria—21 E Liverpool Road; 276.

Karachi, Pakistan—Volkart Buildings, MacLeod Road; 2877.

Keln, Germany—Sabena, Maison Belge, Caciellenstrasse 29; 73146.

Kristiansand, Norway—Skjelbreda Rederi A/S; 4575.

Lisbon, Portugal—Sociedade Commercial Orey, Antunes & Ca. Ltd., 4-r/o Praça Duque da Terceira, Dt°; 29346.

London, England—202/204 Sloane Street; 8LOane 9656.

Los Angeles, Calif.—Roosevelt Hotel, Mezzanine Suite F/G, 7000 Hollywood Blvd., Hollywood; Gladstone 5665.

Lydde, Israel—Haifa, Jaffa-Telaviv, Jerusalem.

Madrid, Spain—Alcala 31, 3° piso; 213254.

Malmö, Sweden—S.A.B. Bulltofta Flygplats; 19960.

Manchester, England—Airways Terminal, St. Peter's Square; Central 5301, 5302.

Mexico, Mexico, D. F.—Cia Real Holandesa de Aviacion, Edificio Eastern Air Lines, Despacho 195, Reforma y Morales; 362553.

Miami, Florida—Columbus Hotel, 308 N. E. First Street, Miami 32; 3-5657/7.

Milano, Italy—Via Gen. Albricci 2 (Piazza Misori), Palazzo Misori; 17846, 17847.

Montreal, Canada—International Aviation Building, Dorchester Street West; UNIVERSITY 2385.

Munich, Germany—Lenbachplatz 3, München 2; 3293/4/5.

New York, N. Y.—573 Fifth Avenue; LUXemburg 2-4000.

Oslo, Norway—Arbengate 1 (Inngang Drammenveien); 56.12.25.

Paramaribo, Surinam—Curacao Trading Company, S.A., Steenbakkerijstraat 1-12; 131.43.

Paris, France—35 bis, Avenue de l'Opera, (Paris Ito), Metro: Opera; OPERA 05-12.

Port Elizabeth, S. Africa—Richardson Building/gobou, Room/Kamer 17, Market Square, P. O. Box/Postbus 1050; 2881.

Prague, Czechoslovakia—Vodickova 24, Praha II; 25919, 21956, 21957.

Rio de Janeiro, Brazil—327 Rua Santa Luzia, esq. Avenida Rio Branco; Roma, Italy—Via Barberini 1 (ex Via Regina Elena); 470.933, 42.373.

Rotterdam, Neth.—Van Oldenbarneveltstraat 18; 52290.

San Francisco, Calif.—212 Stockton Street, Room 302; YUKON 2-2760/1.

Singapore, Malaya—K.P.M. Building, 4th Floor, 1 Finlayson Green; 5431, 5432, 5433.

Stockholm, Sweden—Hamngatan 1 B; 20-44.30, 20.84.30.

Stuttgart, Germany—Polzstrasse (Hotel Marquardt); P 5873.

Sydney, N.S.W., Australia—Kombia Building, 68 Margaret Street, G.P.O., Box 3936; BX 3966, BX 3722.

Tehran, Iran—Porse Express S.A., Namazi Building, Avenue Saadi; 4937, 8176, 7006.

Toronto, Ont., Canada—350 Bay Street, Room 904; Waverley 9973.

Vienna, Austria—Weln 1, Schuberting 9; B 50-3-60.

Washington, D. C.—711 14th Street N.W.; EXECutive 6575.

Zurich, Switzerland—Alpenquai 30; 23.47.06.

LAI—ITALIAN AIRLINES

Address: Via dei Tritoni 132, Rome, Italy.

Phone: 44-323.

Cable Address: LINAEREE.

Commerciant Mgr.: Dr. Riccardo Naselli.

United States General Traffic and Sales Manager—Claude E. Fusco.

New York—15 E. 51st St.; MURRAY Hill 8-0331; A. J. LoRredo, CSR.

LINEA AEROPOSTAL VENEZOLANA

Address: Bloque 1, El Silencio, Caracas, Venezuela.

Phones: 54151, 54405, 92773, 95118, 97324.

Cable Address: AEROPOSTAL.

General Traffic Superintendent: Juan Rojas.

Cargo Offices: Havana, Cuba—Troadero 85; A-1943; Pedro E. Echeverria.

New York, N. Y.—761 5th Ave.; Olympia 5-5655; Jack Varacochas; also New York International Airport; Anthony Marvullo.

MID-CONTINENT AIRLINES

Address: 102 East 9th St., Kansas City 6, Mo.

Phone: Harrison 0175.

Supt. Air Mail-Air Cargo: Ted B. Gilmore.

Vice President, Traffic & Sales: Hugh W. Coburn.

NATIONAL AIRLINES

Address: 3240 N. W. 37th Ave., Miami, Fla.

Phone: 5-7724.

Cargo Manager: D. O. Kerkow.

Cargo Offices:

Baltimore, Md.—Baltimore Municipal Airport; Lexington 6091.

Bradenton, Fla.—Sarasota-Bradenton Airport; 33531.

Charleston, S. C.—Municipal Airport; 4-4257.

Clearwater, Fla.—Pinellas County Airport; 2-1364; Robert Ladd.

Daytona Beach, Fla.—Municipal Airport; 2-3822.

Fort Myers, Fla.—Page Field; 677.

Guilford, Miss.—Guilford Army Air Field; 2182.

Havana, Cuba—Avenida Misiones 29; Phone M-5183; M. J. Mencia, DSR.

Jacksonville, Fla.—211 W. Forsythe St.; 5-4636; Edward J. Wilk, DSR.

Key West, Fla.—Meacham Airport; 1780.

Lakeland, Fla.—Drane Field; 3-3661.

Marianna, Fla.—Munic. Airport; 136.

Miami, Fla.—320 N. E. 1st St.; 9-1873.

L. C. Wisenauer, DSR.

Mobile, Ala.—Admiral Semmes Hotel Lobby; 5-4491; Cal Kennard, DSR.

Newark, N. J.—Airline Terminal; Murray Hill 2-4200.

New Bern, N. C.—Stimmons-Knott Airport; 5060.

New Orleans, La.—723 Common St.; Kenner 6541.

New York, N. Y.—30 E. 42nd St.; MURRAY Hill 2-4200; R. H. Henderson, DSR.

Newport News, Va.—Monticello Hotel; 5-2518; C. Norfolk.

Norfolk, Va.—Monticello Hotel; 5-2516; Robt Carling, DSR.

Orlando, Fla.—Municipal Airport; 3823.

Panama City, Fla.—Bay County Airport; 9981.

Pensacola, Fla.—San Carlos Hotel Lobby 5152.

Philadelphia, Pa.—201 South 15th St.; Pennypacker 5-1233; Porter Stiles, DSR.

Portsmouth, Va.—Monticello Hotel (Norfolk); 5-2516.

Richmond, Va.—Byrd Airport; Fairfield 4173.

Sarasota, Fla.—Sarasota-Bradenton Airport; 5-2301.

Savannah, Ga.—Savannah Hotel Lobby; 30414.

St. Petersburg, Fla.—15 4th Street North; 75513; Robt Ladd.

Tallahassee, Fla.—Floridan Hotel Bldg.; 2440.

Tampa, Fla.—Tampa International Airport; 2-0415; John Toll, CS.

Valdosta, Ga.—Municipal Airport; 2626.

Virginia Beach, Va.—Monticello Hotel (Norfolk); 5-2516.

Washington, D. C.—1625 K Street N. W.; District 8905; Carl Tange-man.

West Palm Beach, Fla.—Palm Beach International Airport; 52431.

Wilmington, N. C.—Cape Fear Hotel; 23321.

West Coast—313 Stockton St., San Francisco, Calif.; 8UTter 1-7080.

NORTHEAST AIRLINES

Address: Logan International Airport, Boston, Mass.

Phone: East Boston 7-4100, Ext. 312.

Air Freight Supervisor: W. Taylor.

Ramp Service Manager: R. N. Eckert.

Cargo Offices:

Bangor, Maine—Bangor-Oldtown Airport; Bangor 7314; R. A. Klah.

Burlington, Vt.—Municipal Airport; Burlington 772; C. P. Candes.

Montreal, Canada—Dorval Airport; Walnut 1112, 1114; D. W. Alexander.

New Bedford, Mass.—Municipal Airport; New Bedford 6-7419; B. D. Lavoie.

New York, N. Y.—La Guardia Airport; Havemeyer 6-9742; H. E. Fowler.

Portland, Maine—Portland City Airport; Portland 2-8371; A. P. Crowder.

Worcester, Mass.—Worcester Airport; Worcester 6-8281; A. S. Walker.

NORTHWEST AIRLINES

Address: 1555 University Ave., St. Paul 1, Minn.

Phone: Nestor 3966, Ext. 210, 277, 313.



INTER-MARITIME FORWARDING CO., INC.

ESTABLISHED 1929

Foreign Freight Forwarders
Air Cargo Transportation
Customs Brokers
Export Packers

38 PEARL STREET, NEW YORK 4, N. Y.

CABLE ADDRESS: HANDLERITE

TELEPHONE: Whitehall 3-7060

AIR CARGO DIVISION: Receiving Depot, 76 Pearl St., N. Y. 4, N. Y.

AIRPORT OFFICE: Cargo Building, Idlewild Airport, Jamaica 20, N. Y.

FMB 215

REPRESENTED IN ALL PRINCIPAL CITIES THE WORLD OVER

Cable Address: NORWESAIR (New York, San Francisco); **NWAIIR** (St. Paul, Seattle, Portland, Honolulu, Tokyo, Seoul, Shanghai, Manila, Hong Kong); **NWAIIRWASHIN** (Washington, D.C.).
Director of Cargo Sales: J. W. Mariner.
Manager Freight Sales: T. R. Nolan.
Cargo Service Manager: F. R. Erickson.
Cargo Service Chief Clerk: J. F. Kaiser.
Director of Tariffs, Schedules, Market Research: R. D. Watson.
Supervisor of Tariffs: J. E. Murnane.
Cargo Offices:
Aberdeen, S. Dak.—Municipal Airport; 2737; D. G. Engel.
Anchorage, Alaska—Westward Hotel; 31131; A. B. Hayes.
Billings, Mont.—26 Broadway; 9-1999; H. L. Cummings.
Bismarck, N. D.—Airport Terminal; 947; W. E. Boeler, SNM.
Bozeman, Mont.—Airport Terminal; 248; Robert Iowa.
Butte, Mont.—Airport Terminal; 6489; H. A. McGrath.
Chicago, Ill.—100 So. Michigan Ave.; Randolph 6-9696; Ronald McVickers, DSM; W. J. Bell, Jr., CRCEM.
Cleveland, Ohio—1925 E. 9th St.; Clearwater 1-5996; Howard R. West, DSM.
Copenhagen, Denmark—Scandinavian Airlines System, Dagmarhus, Raadhuspladsen.
Detroit, Mich.—1235 Washington Blvd.; Woodward 2-1233; R. J. Wright, DSM.
Duluth, Minn.—324 W. Superior St.; 7-1844 Lyle D. Victor, DSM.
Elm Claire, Wis.—Service temporarily suspended.
Edmonton, Alb., Can.—King Edward Hotel Lobby; 8-4833; Duncan H. Taylor, DSM.
Fargo, N. D.—518 N. P. Ave.; 4277; C. R. Dalrymple, DSM.
Genoa, Italy—American President Lines, 3 Piazza Nunziata.
Grand Forks, N. D.—Airport Terminal; 4-4628; H. M. Peterson, SNM.
Great Falls, Mont.—5 Third St. N.; 5501; R. J. Westberg, DSM.
Helena, Mont.—Airport Terminal; 638; E. C. Alberta, SNM.
Helsinki, Finland—Scandinavian Airlines System, N. Esplanadgatan 3.
Hong Kong—St. Georges Bldg.; 23171; D. C. Edwina, DSM.
Honolulu, Hawaii—Alexander Young Hotel; 32966; B. J. Talbot, DSM.
Jamestown, N. D.—Airport Terminal; 189; E. V. Folkstead, SNM.
Killebrew, Mont.—Airport Terminal; 1192; H. H. Wacholtz, SNM.
La Crosse, Wis.—Airport Terminal; 2-6022; J. W. Barron.

Los Angeles, Calif.—Hollywood Roosevelt Hotel; Hollywood 8-3923; P. R. Haggerty, DSM.
Madison, Wis.—110 East Main St.; 4-1381; O. C. Akre, DSM.
Manila, P. I.—Manila Hotel; 3-35-30, 3-35-39; F. A. Huntley, DSM.
Marseille, France—American President Lines, 31 Rue de la Republique.
Miss City, Mont.—Airport Terminal; 30231; P. L. Miller, SNM.
Milwaukee, Wis.—114 East Wisconsin, Humboldt 3-9440; Morley F. Emerson, DSM.
Minneapolis, Minn.—Rand Tower; 3651, Ext. 250; W. R. Leroy, DSM.
Minneapolis, Mont.—Airport Terminal; 3471; G. G. Burkhardt, SNM.
Newark, N. J.—Robert Treat Hotel; Market 3-3035; E. A. Williams, DSM.
New York, N. Y.—535 5th Ave.; Van derbilt 4-5169; J. J. Fantus, DSM.
L. A. Cholot ERCEM; K. D. McKenzie, ERSN.
Naples, Italy—American President Lines, 6 Via Salvatore Fusco.
Okinawa—Ryukyu Hq.; Ryukyu 54; D. R. Kelley, DSM.
Osaka, Japan—Rm. 401 Asahi Bldg.; Phone 23-3422; E. J. Gearhart, DSM.
Oslo, Norway—Scandinavian Airlines System, Fridtjof Nansens Plass 3.
Pittsburgh, Pa.—William Penn Hotel; Homewood 2-1000; J. Q. Collins.
Portland, Ore.—318 S. W. Broadway; Trinity 1103; J. W. Speer.
Prestwick, Scotland—Scandinavian Airlines System, Prestwick Airport.
Rochester, Minn.—Kahler Hotel; 3-3371; T. S. Zawasky, DSM.
St. Paul, Minn.—5 W. 5th St.; Prior 4661; C. F. Tillander.
San Francisco, Calif.—210 Post St.; Yukon 6-4135; F. E. Coufal, DSM.
Seattle, Wash.—205 Douglas Bldg.; Cherry 4500; G. E. Hatch, WRSM.
Seoul, Korea—Service into Pusan.
Shanghai, China—Temporarily suspended.
Spokane, Wash.—Davenport Hotel; Main 2213; R. E. Thompson, DSM.
Stockholm, Sweden—Scandinavian Airlines System, Flygcity, Norrmalmstorg 1.
Superior, Wis.—See Duluth.
Tacoma, Wash.—203 Pacific Ave.; Logan 2033; F. G. Ploof.
Taipei, Formosa—Friends of China Club; Dave Edwins.
Tokyo, Japan—138 Marunouchi Bldg.; 20-1221, 20-1222; J. B. Sykes, DSM.
Vancouver, B. C., Can.—1724 Marine Bldg.; Marine 1654; W. J. Kenney, DSM.

Wash., D. C.—Willard Hotel; Sterling 3014; J. B. Hanton, Jr., DSM.
Wenatchee, Wash.—Airport Terminal; 61; P. R. Okoren.
Winnipeg, Man., Canada—408 Main St.; 522, 371; T. W. Guna.
Yakima, Wash.—Chinook Hotel; 3934; T. P. Moore, DSM.

PAN AMERICAN WORLD AIRWAYS

Address: 135 E. 42nd St., New York, N. Y.
Phone: MUrray Hill 8-7108, STUlwell 4-0609.
Cable Address:
General Sales Manager: John Muhlfeid.
Assistant to General Sales Manager: Cargo; Edward Hudak.
Superintendent of Cargo Agencies: Paul Kennell.
Cargo Offices:
Acapulco, Mex.—Aeronaves; Emilio Carranza, No. 1; 125-593.
Accra, Gold Coast—PAA; Accra Airport; 600.
Amsterdam, Netherlands—Agta, Wm. H. Muller & Co., 39-90 Damrak.
Ankara, Turkey—Ankara Palace Hotel; Tel. 13681.
Antigua, B.W.I.—44 High St.
Ashtoria, Oreg.—Cubana; Egan & Arrue, Agta, Avenida de Cuba No. 20; Tel. 1.
Antofagasta, Chile—Panagra; Grace y Cia. (Chile), S.A. Agta, Balmaceda 355; Tel. 818.
Antwerp, Belgium—35, Van Erftbornstraat; Tel. 27344.
Araçua, Brazil—PAB; A. Fonseca y Cia. Agta, Av. Rio Branco 85-91.
Araucaria, Colombia—Avianca; Francisco Nino, Agt.
Araucaria, Colombia—Avianca.
Araucaria, Brazil—Agente, Grande Hotel.
Arequipa, Peru—Grace y Cia. (Peru).
Asia, Puenta Bolognini 124; Tel. 50.
Arica, Chile—Grace y Cia. (Chile), S.A. Agta, 31 de Mayo 161; Tel. 514.
Asuncion, Paraguay—Arturo Y. Carlos Abente Haedo, Agt. Albarid, esq. Estrella.
Auckland, New Zealand—Windsor House, 58-60 Queen St.; Tel. 21-584.
Bahia, Brazil—(See Sao Salvador.)
Bahia, C. Z.—Avianca, PAA, UMCA.
Tivoli Hotel—Panagra, c/o Panama Agencies Co., Bahia Terminal Bldg., Pier 18; Tel. 1807.
Baltimore, Md.—Room 704, Fidelity Bldg.; Tel. Lex. 8343.
Bangkok, Siam—Troadero Hotel Bldg.; Tel. 36817.
Barcelona, Spain—Agta, Calle Muntaner, 193, Pral. 1A; Tel. 35934.
Barcelona, Venezuela—Calle Bolivar 34.
Barranquilla, Colombia—Avianca, PAA; Avianca Agta; General Offices & City Ticket Office, Paseo Bolivar, Esquina Republica.
Basle, Switzerland—Agt., Wm. Muller & Co., Ltd., 3 Centralbahnplatz & 18 Marktplatz.
Baur, Sao Paulo, Brazil—Escritorios Reunidos Labor, Agt., Rua Baptista de Carvalho, 8-35.
Bayamo, Cuba—Cubana; Fidel Fernandes, Agta, Marti No. 35; Tel. 152.
Beirut, Lebanon (See Damascus)—Rue Jeanne d'Arc, Ras-Beirut.
Belém, Brazil—Agta, Rua Carlos Gomes, 169 Grand Hotel Annex.
Belise, British Honduras—SAHSA.
Bello Horizonte, Brazil—Av. Amaranas 122.
Benjamin Constant, Brazil—Jose Veiga, Agt.
Bermuda—61 Front St.; Tel. 1055.
Bilwaskarna, Nicaragua—La Nica.
Bluefield, Nicaragua—La Nica.
Bogota, Panama—Copa.
Bogota, Colombia—Avianca; Edif. Jose Joaquin Vargas Carrera #9; 11-65.
Bombay, India—Taj Mahal Hotel; Tel. 35021.
Bonanza, Nicaragua—La Nica.
Borba, Amazonas, Brazil—
Boston, Mass.—Hotel Statler, Boston 17; Tel. Liberty 3-3735.
Bremen, Germany—Agta, c/o U. S. Maritime Commission, APO 751.
Brownsville, Tex.—Rio Grande Valley Intern. A/p't; Tel. Brownsville 1246.
Brussels, Belgium—Shell Bldg., 55 Cantersteen; Tel. 11-64-65.

FOR FASTEST CARGO SERVICE TO

ROME
MILAN
ISRAEL

SPECIFY:



DIRECT CONNECTIONS TO ALL POINTS IN ITALY
ATHENS—CAIRO—ALEXANDRIA—ISTANBUL—TUNIS

FOR SPEED AND DEPENDABILITY
RELY ON L.A.I.

CONTACT YOUR FREIGHT FORWARDER

Cargo Delivery (N. Y.)
International Airport
Olympia 6-5666

ALL
NEW
DC-6s

Cargo Sales Office
15 East 51st St.
MUrray Hill 8-0331

- Buenavista, Colombia—Avianca, Cra. 17 235-13.
Buenos Aires, Argentina—Ave. Roque Saenz Pena 783; Tel. U.T. 23-5531.
Cachipo, Venezuela—Avenas.
Calbarien, Cuba—Cubana, Federico Causo, Agt., Maria Escobar No. 18; Tel. 153.
Cairo, Egypt—42, Sharia Ibrahim Pasha; Tel. 47256.
Calcutta, India—CNAC, Great Eastern Hotel; Tel. 7531.
Cali, Colombia—Avianca, Calle 12 Norte 212-16 and 12-17; Tel. 5871, 5471, 5171.
Camaguey, Cuba—Cubana, Gran Hotel, Maceo No. 67; Tel. 3364.
Camair, Bolivia—LAB.
Campeche, Mex.—CMA, Calle 10 Con. 61, No. 337.
Campo Grande, Brazil—Escripções Reunidos Labor, Agts., Rua Presidente D. Aquino, 601.
Canaaveiras, Brazil—Josias Teixeira, Agt.
Canton, China—CNAC.
Canton Island, Phoenix Is.—Caracas, Venezuela—"Edificio Americano" Esquina de Veroca.
Caracas, Venezuela—Praca 15 de Novembro 8.
Caripita, Venezuela—Calle Bolívar 240.
Carolina, Brazil.
Cartagena, Colombia—Avianca, Calle de la Estrella-Cuartel.
Carupano, Venezuela—Avenas.
Caticuma, Honduras—SAHSA.
Cat Bay, Bahamas—PAA.
Cayenne, French Guiana—St. Claire, Agt.
Cayo Mambi, Cuba—Cubana; Eloy Roig Garcia, Agt.
Changguai, Panama—Copa.
Chengchow, China—CNAC.
Chengtu, China—CNAC, 39 Hsin Yu Sha St.
Cherbourg, France—Agts., Cherbourg Maritime, 48 Rue Alfred Rossel.
Chetumal, Mex.—CMA, Ave. de los Heroes 22.
Chicago, Ill.—306 North Michigan Ave., Chicago 1; Tel. Dearborn 2-4900.
Chileyo, Peru—Grace y Cia. (Peru); Agts., Castilla 101; Tel. 207.
Chungking, China—CNAC, Cheng Soh East St., Chuen Yien Bank Bldg.
Cienfuegos, Colombia—Avianca, Calle Bolívar.
Cienfuegos, Cuba—Cubana; San Carlos No. 23; Tel. A-237.
Ciudad del Carmen, Mex.—CMA, Calle 81, No. 72.
Ciudad Oregón, Mex.—Aeronaves, Sonora No. 238; Tel. 318.
Ciudad Bolívar, Venezuela—Avenas.
Ciudad Trujillo, D. R.—PAA, Edificio Copello, 81 Conde.
Ciudad Victoria, Mex.—CMA, Hotel Sierra Gorda.
Cleveland, O.—PAA, Union Commerce Bldg., 925 Euclid Ave.; Tel. Tower 1-2529.
Coary, Brazil—PAB, Mario Pereira da Silva, Agt.
Cobh, Ireland—Agts., 12 Westbourne Pl.
Cobija, Bolivia—LAB.
Cochabamba, Bolivia—LAB; W. R. Grace y Cia., Agts., Calle Calama 212.
Codajaz, Brazil—Pereira de Freitas, Agt.
Concepcion, Bolivia—Panagra; Grace y Cia. (Bolivia), Agts.
Copenhagen, Denmark—Raadhush-pladsen 55.
Cora, Venezuela—PAA.
Corpus Christi, Tex.—PAA, Robert Driscoll Hotel.
Cristobal, C. Z. (See Balboa)—UMCA, Masonic Temple Bldg., Tel. 1247, 1248.
Curacao, N.W.I.—PAA; S. E. L. Maduro & Sons, Agts.
Dakar, Senegal—Rue Vincens 29; Tel. 10-17, 10-18.
David, R. P.—Calle 4, No. 64; Tel. 84.
Delhi, India—Imperial Hotel, New Delhi; Tel. 821.
Detroit, Mich.—Penobscot Bldg., Detroit 38; Tel. Woodward 2-9435.
Dublin, Ireland—16 Leinster St.; Tel. 44387.
Fairbanks, Alaska—Nordale Hotel; Tel. East 678.
Frankfurt, Germany—PAA, PAB; Hotel Excelsior; Tel. 75344-5-6, 77955.
Gander, Newfoundland—PAA; Office at Airport; Tel. 381.
Georgetown, B. G.—PAA; Booker Bros., McConnell & Co., Ltd., Agts., Gunn, Marianne Islands—U. S. Naval Air Base; Tel. 5132.
Guatemala City, Guatemala—PAA, 6a Ave. Sur No. 23 B & C; Tel. 3350-2251.
Hamilton, Bermuda—PAA, Ticket Office 41 Front St.; Tel. 1655.
Havana, Cuba—CMA, Cubana; Cubana, General Offices, Prado 2353; Tel. M-3371, A-7241.
Havre, France—Agts., 4 Rue Casimir Perier.
Helsinki, Finland—Finland Steamship Co., Ltd., Agts.; Tel. 20 901.
Hermosillo, Mex.—Aeronaves; Juarez y Villalosa No. 140; CMA, Esq. Berdan y Garmendia.
Hoguin, Cuba—Cubana; Carlos de Gongora, Calles Arlas No. 91; Tel. 3741.
Hollywood, Calif. (served through Los Angeles)—7000 Hollywood Blvd., Hollywood 25; Tel. Hillside 1141.
Hong Kong, British Crown Colony—CNAC.
Honolulu, T. H.—CNAC, Dillingham Bldg.; Tel. 56421.
Houston, Tex.—301 Walker Ave., Houston 2; Tel. Bacon 3-9321.
Humayta, Brazil—Jose Augusto da Cruz Filho, Agt., Rio Madeira.
Iguazu Falls, Brazil—PAB.
Iquitos, Colombia—Avianca, Plaza 20 de Julio.
Iquitos, Peru—Booth & Co. (London) Ltd., Calle Raymond No. 79, Calle 234.
Istanbul, Turkey—Beyoglu-Galatasaray, Yeni Carsi No. 30, P.O. Box No. 2074; Tel. 41219, 40522.
Itacatiara, Brazil—Oscar Ramos, Agt., Rua Quintino Bocaiuva 135.
Ixtapala, Mex.—CMA; Av. 18 de Septiembre 3114.
Joao Pessoa, Brazil—Arnaldo Von Sohsten, Praca Anthoner Navarro 47.
Johannesburg, U. of So. Africa—Maritime House, Loveday Street; Tel. 33-0723.
Juneau, Alaska—PAA; Baranof Hotel; Tel. 105.
Juticalpa, Honduras—SAHSA.
Karachi, Pakistan—Finlay House, McLeod Rd.; Tel. 3297.
Ketchikan, Alaska—Ingersoll Hotel; Tel. 550.
Kingston, Jamaica—117 Harbour St.
Kristiansand, Norway—Agts., J. Haara.
Kunming, China—CNAC, 254 Shuan Kai St.
Kweilun, China—CNAC.
Kweiyang, China—CNAC.
La Ceiba, Honduras—SAHSA.
La Esperanza, Honduras—SAHSA.
La Libertad, Nicaragua—La Nica.
Lanchow, China—CNAC.
La Paz, Bolivia—LAB; W. R. Grace y Cia. (Bolivia), Agts., Mercado 314; Tel. 2351.
La Paz, Mex.—Aeronaves, Progreso No. 10; Tel. 8.
Laredo, Tex.—Hamilton Hotel; Tel. Laredo 3512.
La Romana, Dom. Rep.—CDA.
Los Piedras, Venezuela—AVENSA.
Leopoldville, Belgian Congo—Place Leopold; Tel. 371.
Lima, Peru—Edificio Grace, Lampa 594; Tel. 11906.
Limerick, Ireland (see Shannon).
Lisbon, Portugal—C/O Germano Garras Arnaud, Rua Augusta 133; Tel. 31928.
Laja, Ecuador—M. A. Valdez, Agt.
London, England—122/4 Piccadilly, W. 1; Tel. Regent 1252.
Los Angeles, Calif.—204 West 6th St., Los Angeles 14; Tel. Michigan 2131.
Los Mochis, Mex.—Aeronaves, Dom. Conocido; Tel. 863.
Maceia, Brazil—George Brotherhood y Cia., Agts., Parca de Pedro 1-107.
Madrid, Spain—Duren & Hijos, Agts., Plaza de Las Cortes 4.
Manguague, Colombia—Avianca.
Maldonado, Bolivia—LAB.
Malmo, Sweden—Agts., Aktiebolaget Otto, Bergstrom Skeppbron.
Managua, Nicaragua—Roosevelt Ave. 2504.
Manaos, Brazil—J. Dias Pais & Cia., Ltd., Rua Marechal Deodoro, 214.
Manchester, England—Agts., Orme Bldg., Parsonage.
Mant, Colombia—Avianca.
Manicore, Brazil—Antonio Felicio Dos Santos, Agt.
Manila, P. I.—Manila Hotel; Tel. 2-97-16.
Manizales, Colombia (Served thru Pereira)—Avianca.
Manta, Ecuador—Grace y Cia. (Ecuador), Agts., Colon 14-16; Tel. 20, Avianca.
Manzanillo, Cuba—Cubana; Manuel A. Campos, Agt. Merchant No. 42; Tel. 562.
Maracaibo, Venezuela—Calle Comercio, 123 Oeste.
Marcala, Honduras—Sahsa.
Mariquita, Colombia—Avianca.
Marcellas, France—Hotel Noailles, 64 La Casablanc; Tel. Colbert 69-57-9.
Matagalpa, Nicaragua—La Nica.
Maturin, Venezuela—Calle Bolívar 211.
Mayaguez, Cuba—Cubana; A. S. Bertrayara, Agts.
Mazatlan, Mex.—Aeronaves; Edificio Isabel; CMA; Bellisario Dominguez y Mariano Escobedo.
Medellin, Colombia—Avianca, UMCA; Avianca Agts., Ca. 50, Nos. 51-53 & 51-55 Oeste.
Melbourne, Australia—247 Collins St.; Tel. Central 4628-9.
Merida, Mex.—Calle 53 No. 500 con Calle 61.
Mexico, Mex.—CMA, Av. Reforma y Calle Mexico.
Mexico, D. F., Mex.—Ave. Independencia 258.
Miami, Fla.—1520 Delaware Parkway, Miami 32.
Midway Island—PAA.
Minatitlan, Mex.—CMA; Av. Hidalgo 260; 1725.
Minneapolis, Minn.—200 Rand Tower; Tel. Lincoln 6617.
Mito, Colombia—Avianca.
Mompox, Colombia—Avianca.
Monte Alegre, Brazil—Jacob Gantusa & Filho, Av. Tiradentes.
Monte Cristi, Dom. Rep.—CDA.
Montego Bay, Jamaica—Fletcher & Co. Ltd., Agts.
Monteria, Colombia—Avianca, Ave. 2a entre Calles 5a y 9a.
Monterrey, Mex.—CMA, Morelos y Escobedo.
Montes Claros, Brazil—Airport.
Montevideo, Uruguay—Palacia Salvo, Andes 1341-43 Plaza Independencia 248; Tel. U. T. 8-9787.
Moreno, Colombia—Avianca.
Mozoro, Brazil—Tortuliano Fernandez & Cia., Agts.
Mukden, China (Shenyang)—CNAC.
Munich, Germany—3 Lambachplatz; Tel. 32521-4.
Nanking, China—CNAC.
Nassau, Bahamas—Mathew Avenue.
Natal, Brazil—Theodorico Bezerra & Cia., Agts., Grande Hotel, Av. Duque de Caxias, 151.
Navajoa, Mex.—Aeronaves, No. Reelccion No. 22; Tel. 61.
Neiva, Colombia—Avianca.
New Orleans, La.—148 Carondelet St., New Orleans 13; Tel. Canal 6391.
New York, N. Y.—30 E. 42nd St., New York 17.
Nice, France—Voyages A. Kuoni Agts., 3 Blvd. Victor Hugo.
Ninhua, China—CNAC.
Nogales, Ariz.—Aeronaves, International No. 12.
Nome, Alaska—Front St.; Tel. Main 12.
Noumea, New Caledonia—Rue Jean Jaures; Tel. 55.
Nuova Ocotepague, Honduras—Sahsa.
Nuevo Laredo, Mex.—CMA, Hotel Plaza.
Nunchia, Colombia—Avianca.
Oaxaca, Mex.—CMA; Armenta y Lopez Letra "C".
Obidos, Brazil—PAB; Jose Barroso Toates, Agt.
Okinawa, Ok Ial.—PAA.
Olanchito, Honduras—Sahsa.
Orocué, Colombia—Avianca.

Oruro, Bolivia—W. R. Grace y Cia. (Bolivia) Agts., Fagador #1699; Tel. 674.
Oslo, Norway—Agts., E. Angel Bordewick, Karl Johansgt. 7.
Otu, Colombia—Avianca.
Panama City, E. P. (See Balboa).
Paris, Brazil—Tel. 24-2409, 201-2342.
Paris, Brazil (See Solim).
Paramaribo, Dutch Guiana—PAA.
Parlatina, Brazil—Assayas Irmao & Cia.
Paris, France—1 Rue Scribe; Tel. Opera 47-10, 47-11 47-12 47-13.
Paranaiba, Brazil—Celso Nunes Agt., Praca de Graca.
Pato, Colombia—Avianca.
Pebasa, Peru—PAB.
Pedra Azul, Brazil—PAB.
Peiping, China—CNAC.
Pereira, Colombia—Avianca.
Pernambuco, Brazil (See Recife).
Philadelphia, Pa.—1336 Walnut St., Philadelphia 3; Tel. Kingsley 6-5109.
Piato, Colombia—Avianca.
Plymouth, England—Agt. Weekes, Phillips & Co. Ltd., Military Pier.
Pocsa de Cuidad, Brazil—PAB, Palace Hotel.
Ponta Pora, Brazil—PAB.
Popayan, Colombia—Avianca.
Pore, Colombia—Avianca.
Port-au-Prince, Haiti—PAA; Ave. Dantes Destouches 3451.
Ponte Alegre, Brazil—Ruados Andradan, 1917.
Port of Spain, Trinidad—5 Abercrombie St. and Queen's Park Hotel.
Portland, Oregon—309 American Bank Building, 631 E.W. Morrison St.; Tel. Broadway 6677.
Porto Velho, Brazil—PAB, Av. 7 de Setembro, s/n.
Potosi, Bolivia—LAE.
Prague, Czechoslovakia—UL, 28 Ruzna 18, Prague 1; Tel. 351-55, 351-55.
Preston, Cuba—Cubana; Antonio Fajardo.
Progreso, Honduras—Sahsa.
Puerto Armuelles, Panama—Copa.
Puerto Berrio, Colombia—Avianca.
Puerto Cabezas, Nicaragua—LA Nica.
Puerto Carreno, Colombia—Avianca.
Puerto Cortes, Honduras—Sahsa.
Puerto Suarez, Bolivia—Panagra; Antonio Rivera, Agt.
Queenstown (See Cobh).
Quibdo, Colombia—Avianca.
Quito, Ecuador—Avianca, Panagra; Calle Chile #2 1050-1052; Tel. 1711, 1155 Avianca, Pasaje Drouet Peres.
Recife, Brazil—Edificio Grande Hotel Riberalta, Bolivia—LAE.
Rio de Janeiro, Brazil—Edificio City, Ave. Rio Branco, 35.
Richacha, Colombia—Avianca.
Ribeiro, Venezuela—Avianca.
Robore, Bolivia—Panagra; Luis Landivar, Agt.
Rome, Italy—PAA, Agts., Ital Atlantic Express, 46 Via Vissolati; Tel. 470416.
Rondon, Colombia—Avianca.
Rotterdam, Netherlands—Agts., Wm. H. Muller & Co., Coolingsal 106.
Rufinas de Copan, Honduras—Sahsa.
Rurrenabaque, Bolivia—LAE.
St. Croix, Virginia, Is.—PAA.
St. Johns, B. W. I.—(See Antigua).
St. Louis, Missouri—Paul Brown Bldg., 315 Olive St.; Tel. Main 1930.
St. Lucia, B. W. I.—PAA.
St. Thomas, Virgin Islands—PAA.
Salinas, Ecuador—Grace y Cia (Ecuador), Agts.
Salta, Argentina—Hotel Salta, Buenos Aires 223; Tel. U. T. 3244.
San Borja, Bolivia—LAE.
Sancti Spiritus, Cuba—Cubana.
San Diego, Cal.—PAA; Hotel Grant; Tel. Main 6133.
San Esteban, Honduras—Sahsa.
San Felix, Venezuela—Avianca.
San Francisco, Calif.—323 Stockton St., San Francisco 8; Tel. Garfield 1-1076.
San Francisco, Honduras—Sahsa.
San Ignacio de Mexico, Bolivia—LAE.
San Ignacio de Velasco, Bolivia—Carlos Mayer, Agt.
San Javier, Bolivia—LAE.
San Joaquín, Bolivia—LAE.
San Jose, Bolivia—Panagra; La Torre Hermanos, Agt.

San Jose, Costa Rica—Ave. Fernandez Guell & Calle 1; Tel. 4294.
San Juan, Dom. Rep.—CDA.
San Juan, Puerto Rico—PAA, Recinto Sur No. 39.
San Marcos, Colombia—Avianca.
San Pedro Sula, Honduras—Sahsa.
San Salvador, El Salvador—PAA, 1/a Calle Oriente No. 2.
Santa Ana, Bolivia—LAE.
Santa Barbara, Honduras—Sahsa.
Santa Barbara, Venezuela—Avianca.
Santa Clara, Cuba—Cubana; Luciano Alfaro, Maria Abreu No. 3; Tel. 2414.
Santa Cruz, Bolivia—W. R. Grace y Cia. (Bolivia) Agts., Bolivar 120; Tel. 35.
Santa Maria, Azores—Airport; Tel. 164.
Santa Marta, Colombia (See Cienaga).
Santarem, Brazil—Trajano Motta, Agt., Rua Joao Pasos, 19.
Santa Rosa, Honduras—Sahsa.
Santiago, Chile—Grace y Cia (Chile), Agts. Calle Morande 115; Tel. 21861.
Santiago, Chile—Cubana, Lacret No. 657; Tel. 542.
Santiago, Dom. Rep.—CDA.
Santo Antonio De Ica, Brazil—Franco & Filho Agts.
San Tome, Venezuela—Avianca.
Santos, Brazil (See Sao Paulo)—Rua 15 de Novembro, 163.
Sao Luis, Brazil—Emilio Lisboa & Cia., Agts., Rua Herculanus Farga 220.
Sao Paulo, Brazil—Praca Ramos de Azevedo 1224; Tel. 224.
Sao Paulo De Olivenca, Brazil—Marcelino Silexas, Agt.
Sao Salvador, Brazil—Rua Visconde do Rosario, 4.
Seattle, Wash.—1302 4th Avenue, Seattle 1; Seneca 3121.
Shanghai, China—Sassoon House, Nanking Rd.; Tel. 15767.
Shannon Airport, Ireland—Shannon Airport; Tel. "Shannon Airport 109."
Shenyang, China—CNAC.
Shian, China—CNAC.
Sichang, China—CNAC.
Sima, Nicaragua—LA NICA.
Stavanger, Norway—Agts., J. Naerum, Strandkaiaen, Box 23.
Stockholm, Sweden—Sveavagen 25-27 (Tel. 23-43-28).
Stuttgart, Germany—Graf Zeppelin Hotel.
Sucre, Bolivia—LAE.
Suva, Fiji Is.—Bank of New South Wales (Tel. 661).
Swatow, China—CNAC.
Sydney, Australia—Australia Hotel (Tel. BV4701).
Tabaco Tamara, Colombia—AVIANCA.
Taipei, China—CNAC.
Taitian, China—CNAC.
Tatiana, Peru—Grace y Cia (Peru), S. A. Agts.; Tel. 113.
Tame, Colombia—AVIANCA, Antonio Avellaneda.
Tampico, Mex.—Aurora 163 Sur.
Tapachula, Mex.—4 Ave. Norte #29.
Tarifa, Bolivia—LAE.
Tauramena, Colombia—AVIANCA.
Tefe, Amazonas, Brazil—Aeroporto.
Tegucigalpa, Honduras—Avenida Colon y Cuarto Calle; Tel. 19-27, 18-65.
Tela, Honduras—SAHSA.
Tembador, Venezuela—AVENSA.
Tijuana, Mex.—CMA.
Tokyo, Japan—Marinouchi Bldg.
Trinidad, Bolivia—LAE.
Trinidad, B. W. I. (See Port of Spain).
Trinidad, Colombia—Avianca.
Trinidad, Cuba—Cubana; Juan Hernandez, Agt., Capdevilla No. 44.
Trujillo, Honduras—SAHSA.
Tulcan, China—CNAC.
Tientsin, China—CNAC.
Tucuman, Argentina—Las Heras 353; Tel. U. T. 4039.
Tulua, Colombia—Avianca.
Tunco, Colombia—Avianca.
Tugueay, Colombia (See Ipiales).
Turbo, Colombia—Avianca.
Tuxpan, Mex.—CMA; Esq. Morelos y Garibay.
Tuxtla Gutierrez, Mex.—CMA, Ave. Central 221.
Uberaba, Brazil—PAB.
Uberlandia, Brazil—PAB.
Uribia, Colombia—Avianca.
Uruel, Bolivia—Panagra; Gomes & Cia., Agts.
Valera, Venezuela—Avianca.
Valledupar, Colombia—Avianca.
Vallegrande, Bolivia—LAE.

Valles, Mexico—CMA.
Valparaiso, Chile—PAA; Grace y Cia. (Chile), Agts.
Varadero, Cuba—Cubana; Antonio Socarras, Agts., Avenida la y Calle 8; Tel. 177.
Vera Cruz, Mex.—CMA; Esq. Macielmolin 7 & de Mayo.
Vitoria, Brazil—Hard Rand & Co., Agts., Rua do Comercio 46.
Victoria de Las Tunas, Cuba—Cubana; Adriano Gamboa, Casino Central; Tel. 124.
Vienna, Austria—Allians Building, Frankplatz 3; Tel. B-47248.
Villahermosa, Mex.—CMA; Esq. de Constitucion e Hidalgo.
Villavicencio, Colombia—Avianca.
Wake Island—PAA.
Washington, D. C.—315-15th St. N.W., Washington 5.
Wasnam, Nicaragua—LA NICA.
Whitehorse, Canada—Office opposite Whitehorse Inn; Tel. 2191.
Willemstad, Curacao, N. W. I. (See Curacao).
Yacumba, Bolivia—LAE.
Yullungong, China—CNAC.
Zarich, Switzerland—46 Lowenstrasse; Tel. 33-77-04.

PAN AMERICAN GRACE AIRWAYS

Address: 135 East 42nd Street, New York, N. Y.
Phone: MUrray Hill 6-7100.

Cable Address: PANAGRA.

Cargo Sales Manager: Howard E. Willard.

Cargo Offices:

Antofagasta, Chile—Grace y Cia.

(Chile, S.A.; G. L. Fowler, DTSM).

Arequipa, Peru—Grace y Cia. (Peru), S.A.; J. Bourgeois, SR.

Arica, Chile—The Arica Agencies Co.; Vahab Shalhar, RTS.

Bahoe, C. Z.—Panagra; H. J. Eby, SR.

Buenos Aires, Arg.—Cordoba 673; G. B. Bourne, SM.

Call, Colombia—Grace y Cia. (Colombia), S.A.; A. Dennis, Agt., DTSM.

Campo Grande, Brazil—M. Marques, RTS.

Chiclayo, Peru—Grace y Cia. (Peru), S.A.; M. Barrera, SR.

Cochabamba, Bolivia—Grace y Cia. (Bolivia), S.A.; J. W. Miranda, DTSM.

Concepcion, Bolivia—L. Huerta, AS NM.

Corumbá, Brazil—J. P. Ribeiro, TSM.

Cristobal, C. Z.—Panama Agencies Co.; A. G. Diaz, M.

Cuenca, Ecuador—A. Moscoso y Cia; Antonio Moscoso.

Guayaquil, Ecuador—Grace y Cia (Ecuador), S.A.; H. Cartwright, DSM.

La Paz, Bolivia—Grace y Cia. (Bolivia), S.A.; J. Carliaga, DSM.

Lima, Peru—Pan American Grace Airways, Inc.; G. G. Mason, TM; C. C. Pool, CS.

Manta, Ecuador—Grace y Cia. (Ecuador), S.A.; A. Ampuero, SR.

Oruro, Bolivia—Grace y Cia. (Bolivia), S.A.; V. E. Villegas, SR.

Quito, Ecuador—Grace y Cia. (Ecuador), S.A.; E. Proano, DTM.

Robore, Bolivia—M. Horroco Bustamante, ASNM.

San Ignacio, Bolivia—L. N. Landivar, ASNM.

San Jose, Costa Rica—A. Justiniano, ASNM.

Santa Cruz, Bolivia—Grace y Cia. (Bolivia), S.A.; J. Pictor, SR.

Santiago, Chile—Grace y Cia. (Chile), S.A.; S. W. Burke, Jr., SM.

Talara, Peru—Grace y Cia. (Peru), S.A.; J. Bondy, SR.

Uyuni, Bolivia—D. Almanza, ASNM.

PHILIPPINE AIRLINES

Address: M. R. S. Bldg., Plaza Cervantes, Manila, P. I.

Phone: Manila 2-72-66.

Cable Address: FILAIRLINE.

Traffic & Sales Manager: Bernard L. Anderson.

Cargo Offices:

Agaña, Guam—Airport.

Amsterdam, Neth.—Hangar 8, Coast Viage 1, Schiphol Airport; 51531.

Calcutta, India—Great Eastern Hotel; City 3314.

Chicago, Ill.—37 E. Wabash.

Randolph 6-9626; P. E. Cavanaugh.

Dhahran, Saudi Arabia—William Kelly.

Hong Kong—Peninsula Hotel, Kowloon; Hong Kong 5-32-30.
Honolulu, T. H.—195 S. Queen St.; Honolulu 5-75-93.
Karachi, Pak.—Karachi House, McLeod Road; 2398.
London, Eng.—7 Birch Lane, Cornhill; Avenue 6106.
Los Angeles, Calif.—512 W. 6th St.; Madison 6-4863.
Lydia, Israel—Travex Ltd., 23 Rothschild Blvd., Tel Aviv; 5322.
Madrid, Spain—30 Nunes de Balboa; Madrid 35-37-29; Jaime de Castella.
Manila, P. I.—M. R. S. Bldg., Plaza Cervantes; Manila 2-70-46.
New York, N. Y.—590 5th Ave.; Judson 6-1450.
Paris, France—101 Ave. des Champs Elysees; Balzac 15-11.
Rome, Italy—c/o Linee Aeree Italiane, 109 Via Barberini; 476-854.
San Francisco, Calif.—212 Stockton St.; Douglas 2-1553.
Taipei, Formosa—28 Chung Cheng Rd. W.; 2340.
Tokyo, Japan—Aven. A & E; 87-3395.
Washington, D. C.—1742 G St., N.W.; Sterling 6333.

PIEDMONT AIRLINES

Address: Smith Reynold Airport, Winston-Salem, N. C.
Phone: 3-2444.
General Traffic Manager: Lee W. Golsen.

Cargo Sales Manager: N. K. Arnold.

Cargo Offices:

Aberdeen, N. C.—Knollwood Airport; Sou. Pines 5891.
Asheville, N. C.—Asheville-Hendersonville Airport; 5691.
Beaufort, N. C.—Beaufort-Morehead City; 2-5491.
Bristol, Va. and Tenn.—Tri-City Airport; 4-4000.
Charleston, W. Va.—Kanawha County Airport; 6-6681.
Charlotte, N. C.—Douglas Airport; 4-3551.
Cincinnati, Ohio—Greater Cincinnati Airport; Garfield 1315.
Danville, Va.—Municipal Airport; 4-423.
Durham, N. C.—Raleigh-Durham Airport; J-1771.
Fayetteville, N. C.—Grannis Field; 3240.
Goldboro, N. C.—Seymour-Johnson Airport; 2325.
Greensboro, N. C.—Greensboro-High Point Airport; 4-6100.
Hendersonville, N. C.—Asheville-Hendersonville Airport; Asheville 5061.
High Point, N. C.—Greensboro-High Point Airport; 3778.
Johnson City, Tenn.—Tri-City Airport; Bristol 4-4000.
Kingsport, Tenn.—Tri-City Airport; 4-4000.
Lexington, Ky.—Blue Grass Airport; 4-4114.
Louisville, Ky.—Standiford Airport; Atwood 3312.
Lynchburg, Va.—Preston Glenn Airport; 2-0441.
Morehead City, N. C.—Beaufort-Morehead City Airport; Beaufort 5491.
Myrtle Beach, S. C.—Municipal Airport; 359.
New Bern, N. C.—Simmons-Nott Airport; 3972.
Newport News, Va.—Patrick Henry Airport; 4-1773.
Norfolk, Va.—Municipal Airport; Norfolk 6-6655.
Pinebluff, N. C.—Knollwood; Sou. Pines 5891.
Raleigh, N. C.—Raleigh-Durham Airport; 5160.
Richmond, Va.—Byrd Field; Fairfield 4191.
Roanoke, Va.—Woodrum Field Airport; 2-0690.
Southern Pines, N. C.—Knollwood Airport; 5991.
Virginia Beach, Va.—Municipal-Norfolk Airport; 2-7000.
Wilmington, N. C.—Bluthenthal Airport; 2-1214.
Winston-Salem, N. C.—Smith Reynold Airport; 2-2444.

PIONEER AIRLINES

Address: P. O. Box 7065, Dallas, Texas.
Phone: Elmhorat 3251.
Vice President-Traffic and Sales: Harding L. Lawrence.

Cargo Offices:

Abilene, Tex.—3134.

Albuquerque, N. M.—2544.
Amarillo, Tex.—2425.
Austin, Tex.—2-2654.
Big Spring, Tex.—2100.
Bryan, Tex.—2-1413.
Clovis, N. M.—3441.
Dallas, Tex.—Dixon 7537.
Fort Worth, Tex.—MA 8458.
El Paso, Tex.—3-0544.
Houston, Tex.—BL-3500.
Las Vegas, N. M.—1060.
Lubbock, Tex.—1466.
Midland, Tex.—2544.
Mineral Wells, Tex.—1174.
Odessa, Tex.—4031.
Palmview, Tex.—1699.
Rosen, N. M.—2920.
San Angelo, Tex.—7196.
Santa Fe, N. M.—3038.
Sweetwater, Tex.—3567.
Temple, Tex.—3525.
Tucuman, N. M.—1209.
Waco, Tex.—4-4618.

ROBINSON AIRLINES

Address: 121 East Seneca Street, Ithaca, New York.

Phone: 3357.

Cargo Offices:

Elmira, N. Y.—Chemung County Airport; 2-3596; Robert L. Linta, DM.
Endicott, N. Y.—Tri-Cities Airport; 5-3751; Howard W. Ostrom, DM.
Buffalo, N. Y.—Municipal Airport; Fillmore 3760; Lee W. Holmes, Jr., DM.
Ithaca, N. Y.—121 E. Seneca St.; 3357; William E. Corcoran, DM.
New York, N. Y.—367 Lexington Ave.; Murray Hill 5-2347; Elisabeth D. Evans, DM.
Rochester, N. Y.—Municipal Airport; Genesee 1602; Louis Damiano, DM.
Syracuse, N. Y.—Hancock Field; 3-2511; Richard Nicholas, DM.
Utica, N. Y.—Onondaga County Airport; 6375; George Bright, DM.

SABENA BELGIAN AIRLINES

Address: 146 Rue Royale, Brussels, Belgium.

Phone: 15.10.00.

Cable Address: AIRSABENA.

General Air Cargo Manager: J. P. Maurus.

United States Cargo Manager: William J. Butler.

Cargo Offices:

Antwerp, Belgium—33 Rue Broydel; 233.50.
Athens, Greece—4 Churchill St.; 20.053; 20.418.
Brussels, Belgium—146 Rue Royale; 15.10.00.
Cairo, Egypt—47 Makla Farida St.; 43.525.
Chicago, Ill.—208 S. La Salle St.; Franklin 2-3570; Ernest P. Prosnitz.
Copenhagen, Denmark—53 Ostergade; Byen 2314.
Dallas, Texas—1317 Praetorian Bldg.; H. Lamm, RLSM.
Elizabethville, Belg. Congo—Ave. du Kasai; 123.
Frankfurt, Germany—3 Mainzerlandstrasse; 79.012.
Hamburg, Germany—Hapag Bldg., Ballindamm 35; 31.3141.
Johannesburg, S. Afr.—100 Fox St.; 33.55.41.
Leopoldville, Belg. Congo—N'Dole Airport; 64.
Lisbon, Port.—27 Praca Luis de Camoes; 24.004.
London, Eng.—265 Regent St.; Mayfair 5125.
Los Angeles, Calif.—4023 Wilshire Blvd.; H. Wylie, RLSM.
Miami Beach, Fla.—235 Lincoln Rd.; P. E. Reagan, RLSM.
Milan, Italy—7 Via Cappuccino; 32.114.
Naples, Italy—5 Via Depretis; 24.143.
New York, N. Y.—423 Madison Ave.; Plaza 3-1800; William J. Butler.
Paris, France—37 Rue Caumartin; Opera 25-40.
Prague, Czech.—4 Myslikova; 429.20.
San Francisco, Calif.—323 Geary St.; Yukon 2-6922; Andrew Myser.
Stockholm, Sweden—Bromma Flygplats; 25-25-50, Ext. 189.
Washington, D. C.—1404 N. Y. Ave., N. W.; R. E. Freeman, RLSM.
Zurich, Switz.—5 Bahnhofstrasse; 27-24-44.

SCANDINAVIAN AIRLINES SYSTEM

Address (Overseas Division): Bromma Airport, Stockholm, Sweden.

Phone: Stockholm 25.90.50.

Cable Address: SASAIR.

General Cargo Manager: P. W. Fischer.

Airport (European Division): Kastrup Airport, Copenhagen, Denmark.

Phone: Kastrup 1212.

Cable Address: BASEUROPE.

General Cargo Manager: K. E. Justesen.

Cargo Offices:

Aalborg, Denmark—Osteraa 1: 9009, 9010; V. Bache, CM.
Aarhus, Denmark—Raadhuset, Parkalle; 1093; E. Thomsen, CM.
Amsterdam, Netherlands—Schiphol Airport; 25358-25141, ext. 480; W. Stritter, CSR.
Athens, Greece—4 Churchill St.; 23-211; A. Skanberg, CSR.
Bahia, Brazil—Edificio Wildberger, Sala 223, Salvador Bahia.
Bangkok, Thailand—Oriental Ave.; 31020.
Barcelona, Spain—c/o Iberia, Paseo de Gracia 45; 2040.
Berlin, Germany—Kronprinzen Allee 138; 76-37-43; H. Naats, CSR.
Bergen, Norway—Det Bergenske Dampskibsselskab, Smaastradgate 1: 10020.
Bombay, India—c/o United Limer Agencies of India Ltd., Kaiser I Hind Building; 2240.
Bremen, Germany—Bremen Airport; 51012, 51229, ext. 51; C. Thill, CSR.
Brussels, Belgium—Rue Ravenstein; 11-40-13, 11-44-33; G. Rydberg, CSR.
Budapest, Hungary—Akademia uoca 11; 121-245; N. Eszo, CSR.
Buenos Aires, Argentina—Viamonte 759, 1er Piso; 241690-249693.
Cairo, Egypt—49 St. Ibrahim Pasha; 73-516; H. Norgaard-Andersen, CSR.
Calcutta, India—c/o United Limer Agencies of India Ltd., 17 Bournes Road; Bank 4794.
Chicago, Ill.—37 South Wabash Ave.; Randolph 6-6984.
Copenhagen, Denmark—Raadhuspladsen 55; Central 5109, 5309; H. Lind, DCSM.
Dakar, Senegal—J. Rue Parent; 2808, 2809.
Damascus, Syria—c/o Karnak National Tourist & Transport Co., S.A.E. 22 Rue Fouad I St.
Dusseldorf, Germany—Wilhelmplatz 3-5; 22-785, 22-789.
Frankfurt, Germany—Hansa Allee 32; 50321; A. Haensel, DCSM.
Gander, N. F. Canada—Gander Airport; 325, 329.
Geneva, Switzerland—18, Place Cornavin; 2-04-23; G. von Krusensterna, CSR.
Glasgow, Scotland—164, Howard St.; C.I. Central 2396; J. Alexander, CSR.
Hamburg, Germany—Ballindamm 35, Rico Ryckick, CSR.
Helsinki, Finland—Regeringsgatan 15 B; 62.42.43; L. Renquist, CSR.
Hong Kong—c/o Thorsen & Co., 1 Queen Building; 13141; Bror Foulson, CSR.
Honolulu, T. H.—c/o UAL 173 S. Queen Street; 5-6491.
Harnosand, Sweden—Sundvall-Harnosand Airport; Sundvall 78435.
Istanbul, Turkey—Iskandariya Hava Yollari, S.A.S. Taki Kredi Han Inel Kat. Istiklal Caddesi 206, Beyoglu; 44325, 44301; El. Christgau, CSR.
Karachi, Pakistan—c/o United Limer Agencies of Pakistan Ltd., The Chartered Bank Chambers, McLeod Road, P. O. Box 137; 2523-29.
Khartoum, Ang. Eg. Sudan—c/o BOAC, 32-41 Wingate Ave.; 2760.
Kristiansund, Norway—Skjelbredet Rederi A/S; Henrik Wergelandsgate 1: 4575.
Lisbon, Portugal—Avenida da Liberdade 120; 31-128, 31-129; Y. Holmquist, CSR.
London, England—16 Upper Grosvenor Street, W. 1.; Regent 6777; SAS System L. E. Flower.
Los Angeles, Calif.—105 West 6th St.; Tucker 3739.
Lulea, Sweden—Tullvatan 16. 1080, 4750.
Lyons, France—c/o Air France, Hall de la Chambre de Commerce, 31 Rue de la Republique; Franklin 67-01/05.
Madras, India—United Limer Agencies of India Ltd., 41 Mookernallamathu, Chetty Street, George Town; 4437.
Madrid, Spain—Avenida Jose Antonio H-1; 31-30-60; E. Dahl, CSR.

Manchester, England—Deansgate Buildings 33; Blackfriars 3351, ext. 33.
Malmo, Sweden—Cargo Handling Department, Bulltofta Airport; 71390 or 71145; A. Jacobson, CSR.
Manila, P. I.—The East Asiatic Co. Ltd., Hong Kong & Shanghai Bank Bldg.; 25912.
Marseille, France—c/o Air France, 63 La Canebiere; Colbert 3917 to 3913.
Milan, Italy—Via Privata, Caltanissetta 3; 590047; J. Turicchia, CSR.
Minneapolis, St. Paul—1110 Rand Tower; Lincoln 4735.
Montevideo, Uruguay—Julio Herrera y Obas 1379; 53702.
Moscow, U.S.S.R.—Intourist, Uliza Gorkogo 1; K-56163, K-09515, K-15492.
Munich, Germany—Maximilianstrasse 44; 20-7-39, 60-7-84; H. May, CSR.
Nairobi, Kenya—c/o East African Airways Corp., Shell House, Delamere Ave.; 2592, ext. 15; G. Meidell, CSR.
New York, N. Y.—39 Rockefeller Plaza, RCA Building West; Circle 6-4000; J. Church, USCM.
Nice, France—7 Ave de Suede; 667-87.
Norrköping, Sweden—Norrköping-Kungälv Airport; 34690.
Oslo, Norway—Tordenskioldsgate; 429874; P. H. Biering, CM.
Paris, France—135, Ave. des Champs Elysees; Balzac 41-42; P. Grocq, CSR.
Philadelphia, Pa.—c/o UAL, 1630 Walnut St.; Kingsley 6-1700.
Porto Alegre, Brazil—Rua dos Andaraes 1409 Sala 201; 8134.
Prague, Czechoslovakia—Praha II; 29-565; R. Linnerud, CSR.
Rangoon, Burma—The East Asiatic Co. Ltd., 577 Merchant St.
Recife, Brazil—Avenida Guararapes 50; 42-18.
Reykjavik, Iceland—Flugfélag Íslands, Laekjargotu 4; 6440.
Rio de Janeiro, Brazil—Rua Mexico 3, 10° Andar.; 42-1704.
Rome, Italy—Via Fratelli 110; 60679; G. Avesano, CSR.
Rotterdam, Netherlands—c/o KLM, Coolingsingel 116; 29390.
Rosene, Denmark—Jernbanekiosken; 1111.
Saigon, French Indochina—The East Asiatic Co. Ltd., 11 Rue Lefebvre; 30463 and 30691.
Santiago, Chile—c/o Cita Distribuidora Nacional, Augustinas 1343; 38 392.
San Remo, Italy—Corso Marevini 44; 4462; P. Robert, CSR.
Sao Paulo, Brazil—Linhas Aereas Escandinavas, SAR, Ladeira Dr. Falcão Filho 58, 10° Andar.; 6-4965.
Seattle, Wash.—324 White Building; Seneca 6350.
Shanghai, China—c/o NWA, Metropole Hotel; 16116.
Singapore—The East Asiatic Co. Ltd., 12 Raffles Quay.
Stuttgart, Germany—Königsstrasse 1 (Marshall); 52369, 93063.
Sydney, Australia—American Travel House, City Mutual Bldg.; 60 Hunter St.
Stavanger, Norway—Sola Airport; 35152.
Stockholm, Sweden—ABA Husat, Bromma Airport; 39-90-00; H. Biechingsberg, CM.
Teheran, Iran—c/o Levantour Corp., Maidan Ferdowsy; 5517.
Tel Aviv, Israel—108 Allenby Road; 5495; J. Kapelner, CSR.
Tokyo, Japan—N.T.A. 135 Marunouchi Bldg.; 23-6270.
Tromsø, Norway—Det Nordenfjeldske Dampskibsselskab; 30500.
Turko-Abo, Finland—c/o Aero, Salutorget; 12945, 14949, 17428.
Vienna, Austria—Karntnerstrasse 3, Vienna 1; R 25-0-19; A. May, CSR.
Visby, Sweden—Travel Bureau, Strandgatan 28; 2395/99.
Warsaw, Poland—Nowy Swiat 19; 35-219.
Zurich, Switzerland—Bahnhofstrasse 13; 37-11-94/95/96/97.

SEABOARD & WESTERN AIRLINES
 Address: 30 Broad St., New York 4, N. Y.
 Phone: WHItHall 3-1500.
 Cable Address: SEATERNAIR.
 Traffic Director: Wallace P. Neth.
 Sales Director: Don Heffernan.
 Cargo Offices:
 Buenos Aires—John M. Oberst; 3-78-30; Theophil Diattner, A.

Brussels, Belg.—Ruys & Co., 29 Rue Picare; 25-74-26.
Frankfurt, Ger.—52 Taunusanstrasse; 33792, 33793, 59397; August Stelsennueller.
Geneva, Switz.—John M. Oberst; 16 Rue de Mont Blanc; 30435 (day), 2160 (night); Mrs. Lotti Marti, Coltrina Airport, 2732.
Luxembourg—Henry L. Heguey, Lux. Airport; 7655, 8260, 3413.
New York, N. Y.—211 Water St.; Barclay 7-5521; John Barosta.
Paris, France—Nordisk Transport & Expedition, 11 Rue des Petites Ecuries; Province 39-57; Tage Dehner.
Zurich, Switz.—A. Huber, Kloten Airport; 25-05-44.

SLICK AIRWAYS

Address: Municipal Airport, Box 5563, San Antonio 3, Texas.
 Phone: Travis 3301.
 Cable Address: SLICK.
 Executive: Thomas L. Grace.
 Executive Vice President: William E. Hollan.
 General Sales Manager: M. C. Wilkin.
 Cargo Offices:
 Boston, Mass.—Logan Int'l. Airport; East Boston 7-6100; Richard Spada, DSM; Martin Zager, SM.
 Chicago, Ill.—O'Hare Int'l. Airport; Ridge, Ill.; 4-1130; J. H. Smith, DSM; Tell C. Schreiber, DSM; Jim Hill, SNM.
 Cleveland, Ohio—Municipal Airport; Winston 1-7300; Nell Hartwig, DSM; L. A. Pattison, SNM.
 Dallas, Tex.—Love Field; Dixon 4-2951; A. C. Hunt, DSM; T. J. Smith, SNM.
 Dayton, Ohio—Municipal Airport; Montgomery 4-4732; J. Walter Genson, DSM; Donald Fitzgerald, SNM.
 Detroit, Mich.—Detroit-Wayne Major Airport; Logan 2-6130; W. A. Cunningham, DSM; A. C. Pincock, SNM.
 Fort Worth, Tex.—See Dallas; call Fort Worth 5-5844.
 Hartford, Conn.—Brainard Field; 2-4135; M. S. Laffey, DSM; E. C. Lepert, SNM.
 Houston, Tex.—1415 Conti; Olive 2691; Frank Seiford, DSM.
 Kansas City, Kan.—3251 Fairfax Rd.; Finley 1578; Ray Mauldin, SNM.
 Los Angeles, Calif.—3009 N. Cuyabour Ave., Burbank; Stanley 7-3287; John Higgins, DSM; F. C. Thomas, SNM.
 New York, N. Y.—163 W. 33rd St.; Longacre 4-1130; John A. Valli, DSM.
 Newark, N. J.—Munic. Airport; Mitchell 2-7550; Vincent Cramer, SNM.
 Philadelphia, Pa.—N. Phila. Airport; Orchard 3-6532; Carlyle Swopes, DSM; Roy Wiles, SNM.
 Pittsburgh, Pa.—Allegheny Cy. Airport; Homestead 1-6977; Jack Gruber, DSM; Alfred Rizzo, SNM.
 San Antonio, Tex.—Municipal Airport; Travis 3301; G. P. Easley, DSM; Howard Knese, SNM.
 San Diego, Calif.—Lindbergh Field; Woodcrest 1441; Prentiss Cleaves, DSM.
 San Francisco, Calif.—Municipal Airport; June 8-3253; F. J. Wilkinson, DSM; James Watkins, SNM.
 St. Louis, Mo.—Lambert Field, Mo.; Terryhill 5-5690; D. H. Bell, DSM; William T. Maxwell, SNM.

SOBELAIR

Address: 137 Rue Royale, Brussels, Belgium.
 Phone: 15-13-95, 15-13-96.
 Cable Address: TRANSAERIEN.
 Commercial Manager: P. Bertin.
 Cargo Offices:
 Addis Ababa, Ethiopia—A. Basse & Co., Box 1897; 2303, 2309.
 Albertville, Belg. Congo—C. F. L. Amsterdam, Neth.—Herfurth & Co., 132 Singel; 4937, 4913.
 Athens, Greece—Ghiolman Bros., Place de la Constitution; 30-083, 29-381.
 Beirut, Lebanon—Abuljauide Travel Bureau, B. P. 650 Rue du Parlement; 54-56, 62-80.
 Bani (Istur), Belg. Congo—Etablissements Anciaux.
 Cairo, Egypt—P. Cabri, 165 Rue Mohamed Bey Farid; 460-49.
 Coestermansville, Belg. Congo—Agence Maritime Internationale.

Ljthouth, P. I.—Somellana—Cia. de l'Afrique Orientale.
Elizabethville, Belg. Congo—Agence Maritime Internationale, P. O. Box 1047.
Geneva, Switz.—Air Trafic, Chateau Coltrina.
Kram, Belg. Congo—Hotel Victoria; Mr. Cox.
Kabala, Belg. Congo—C. F. L.
Khartoum, Ang.-Eg. Sudan—Gelliaty Hankey & Co.
Kinshasa, Belg. Congo—Transkat.
Kongole, Belg. Congo—C. F. L.
Leopoldville, Belg. Congo—Agence Maritime Internationale.
London, Eng.—22 Clarges St.; Regent 5549.
Manama, Belg. Congo—Mrs. Vroom.
Nicosia, Cyprus—Louis Tourist Agency, 155 Ledra St.; 745.
Paris, France—Worms & Co., 47 Boulevard Baumann; Opera 6260.
Port Sudan, Ang.-Eg. Sudan—Gelliaty Hankey & Co.
Rhodes, Greece—Fraxaki & Giorgiadia, Place du Musee; 493.
Rome, Italy—Cie. Italiana de Turismo, Piazza Colonna 193; 653-351 to 653-354.
Stanleyville, Belg. Congo—Agence Maritime Internationale.
Tunis, Tunisia—Worms & Co., 25 Ave. Steph. Pichon.
Usimbura, Belg. Congo—Joseph Sterckx.
Wadi Halfa, Ang.-Eg. Sudan—Gelliaty Hankey & Co.

SWISSAIR

Address: Hirschengraben 54, Zurich, Switzerland.
 Cable Address: SWISSAIR.
 Commercial Manager: Eugene Groh.
 New York Office—10 W. 49th St.; Plaza 7-4423.

TRANS-CANADA AIR LINES

Address: International Aviation Bldg., Dorchester St., Montreal, Canada.
 Phone: University 6-5671.
 Cable Address: TRANSCAN, Montreal.
 Director of Cargo Sales—Hugh Johnston.
 General Supervisor of Cargo Sales—W. M. Horner.
 General Supervisor of Marketing Service—O. B. Tomkins.
 Cargo Offices:
 Bermuda—43 Front St., Hamilton; 1115; G. A. Minoregh, M.
 Boston, Mass.—Hotel Statler; Liberty 2-6070; J. C. Molvor, DTSB.
 Brandon, Man., Canada—Brandon Airport; 3339; R. L. Alexander, SM.
 Bridgetown, Barbados—Seawall Airport; 4518; H. G. Baxter, M.
 Calgary, Canada—1344 Ninth Ave. W.; 2-6191; E. A. Locke, DTSB.
 Chicago, Ill.—Monroe and Wabash Sts.; Reliance 6-2000; E. J. May, DTSB.
 Cleveland, O.—Hanna Bldg.; Superior 1-2030; R. F. Corsiglia, DTSB.
 Edmonton, Canada—10099 Jasper Ave.; 84881; J. R. Graham, DTSB.
 Gander, Newf.—Gander Airport; 884; R. F. Kemp, A.
 Glasgow, Scotland—Prestwick Airport, Central 3423; K. C. Burns, CFM.
 Goose Bay, Labrador—Goose Bay Airport; R. W. Lockhart, SM.
 Halifax, N. S.—Bank of Nova Scotia Bldg.; 3-7243; A. J. Sutherland, DTSB.
 Hamilton, Canada—20 King St. East; 7-9231; G. M. Dempsey, CFM.
 Kapuskasing, Ont.—Government Airport; 60; A. E. Garwood, SM.
 Kingston, Jama.—Fallsades Airport; 3803; R. L. Cowan, M.
 Lethbridge, Canada—Marquis Hotel; 2880; J. M. Wilton, DTSB.
 London, Canada—Hotel London; 3-3491; W. M. Garven, DTSB.
 London, England—37 Pall Mall; Whitehall 0551; A. J. Wotton, CM.
 Los Angeles, Calif.—519 West 4th St.; Tucker 4343; R. A. Kolb, TR.
 Medicine Hat, Alb., Canada—Airport; 2605; J. J. Flynn, SM.
 Moncton, N. B.—345 Main St.; 9151; R. Sellers, DTSB.
 Montreal, Canada—110 International Aviation Bldg.; University 6-5491; G. R. Wilson, DTSB.
 Nassau, Bahamas—Oakes Field; 2087; J. V. Gilmore, M.

New York, N. Y.—16 East 58th St.; Plaza 9-5890; C. P. E. Holloway, CCM.

North Bay, Ont.—Empire Hotel; 249; G. A. Walker, A.

Ottawa, Canada—Chateau Laurier; 5-4311; L. D. Palmer, DTSM.

Paris, France—24 Blvd. des Capucines; Opera 76-37; G. H. Perodou, M.

Port Arthur, Canada—Prince Arthur Hotel; 5-7374; H. R. Smith, DTSM.

Port of Spain, Trinidad—Piarco Airport; 5671; A. W. Fanner, M.

Piquette Junction, Ont.—Airport; 3; S. G. McCormick, SM.

Quebec, Que.—49 1/2 rue St. Jean; 4-3478; A. J. Gauthier, CTSM.

Rosario, Canada—South St. at Victoria Ave.; 5651; J. A. MacLean, DTSM.

Saint John, N. B.—Canadian National Railway Bldg.; 3-1221; H. M. McElligott, DTSM.

St. John's, Newf.—Torrey Airport; 3053; W. A. Felix, A.

Saskatoon, Canada—Bessborough Hotel; 5134; L. B. Sampson, DTSM.

Sault Ste. Marie, Canada—Windsor Hotel; 4500; A. G. McLarty, DTSM.

Seattle, Wash.—414 University St.; EL 4934; G. N. Leather, DTSM.

Shannon, Ire.—Airport; Shannon 171; W. C. Russell, SM.

Stephenville, Newf.—Harmon Fld.; 331; H. F. Holland, SM.

Swift Current, Sask.—Airport; 2345; J. P. Ames, SM.

Sydney, N. S.—Asar Bldg.; 309 George St.; 5497; J. C. Finlay, DTSM.

Tampa, Fla.—Hillsboro Hotel; 2-7241; J. H. Gehlsen, M.

Toronto, Canada—737 Church St.; Princess 4611; W. D. Patterson, CCM.

Vancouver, B. C.—Hotel Vancouver; Telow 1211; J. J. Robinson, DTSM.

Victoria, B. C.—397A Government St.; Beacon 5141; W. G. Courtney, DTSM.

Windsor, Canada—124 London St. W.; 4-5626; H. C. Pfeiffer, DTSM.

Winnipeg, Canada—299 Main St.; 4431; J. T. Moore, DTSM.

Yarmouth, N. S.—Airport; 1336; W. G. Himmelman, SM.

Yorktown, Sask.—Airport; 1611; G. A. Sanders, SM.

TRANSOCEAN AIR LINES

Address: Municipal Airport, Oakland 14, Calif.

Phone: Lockhaven 9-3223.

Cable Address: TALOA.

Traffic Manager: W. P. Leonard.

Cargo Offices:

Geneva, Switzerland—3 bix Boulevard du Theatre; Geneva 56343; Robert E. Rickson, Jr. vice pres. charge of European sales.

New York, N. Y.—150 Broadway; Rector 2-5335-6-7; Otto R. Reinertsen, TM.

Rome, Italy—Hotel Eden, via Ludovico.

Windsor Locks, Conn.—Bradley Field; Windsor Locks 1880-1-2-3-4; Eugene F. Cohen, TM.

TRANS-TEXAS AIRWAYS

Address: Municipal Airport, Houston, Tex.

Phone: Twin Oaks 1466.

General Traffic Manager: Paul Welch.

Cargo Offices:

Aliso, Tex.—Municipal Airport; 2328.

Alpine, Tex.—Marfa Army Air Field; Marfa 235.

Beaumont, Tex.—Jefferson County Airport; 53932.

Beeville, Tex.—Chase Field; 1406.

Brownsville, Tex.—Rio Grande International Airport; 27311.

Brownwood, Tex.—Municipal Airport; 6532.

Carroll Springs, Tex.—Dimmit County Airport; 583.

Coleman, Tex.—Municipal Airport; 7226.

Corpus Christi, Tex.—Cliff Maus Airport; 2-7458.

Dallas, Tex.—Love Field; Dixon 4-5423.

Del Rio, Tex.—Val Verde County Airport; Del Rio 1431.

Eagle Pass, Tex.—Maverick County Airport; 631.

Edinburg, Tex.—Moore Field; Mission 230.

El Paso, Tex.—Municipal Airport; 2-1222.

Fort Stockton, Tex.—Gibbs Field; 157.

Fort Worth, Tex.—McCombs Field; 6-3157.

Galveston, Tex.—Municipal Airport; 4952.

Harrington, Tex.—All Valley Airport; 2467.

Houston, Tex.—Municipal Airport; Milby 4611.

Laredo, Tex.—Municipal Airport; 641.

Lufkin, Tex.—Angelina County Airport; 9073.

Marfa, Tex.—Marfa Army Air Field; 235.

Matamoros, Tex.—Rio Grande International Airport, Brownsville; 27311.

Midland, Tex.—Moore Field; 210.

Odessa, Tex.—Moore Field; Mission 230.

Palestine, Tex.—Municipal Airport; 4173.

Port Arthur, Tex.—Jefferson County Airport; 23241.

San Angelo, Tex.—Mathis Field; 5193.

San Antonio, Tex.—Municipal Airport; Travis 2621.

Uvalde, Tex.—Garner Field; 444.

Victoria, Tex.—Victoria County Airport; 3330.

TRANS WORLD AIRLINES

Address: 60 East 42nd St., New York 17, N. Y.

Phone: Murray Hill 7-6536.

Cable Address: TWAIR NEW YORK.

Manager of Cargo Sales: S. E. Russ.

Cargo Offices:

Albany, N. Y.—Albany Municipal Airport, Watervliet, N. Y.; Albany 2-3267; Glenn Wise, CSM.

Albuquerque, N. M.—115 N. 2nd St.; 2-5373; E. B. Riordan, DSM.

Alexandria, Egypt—No. 26, Blvd. Saad Zaghloul; 26233; H. A. Zayadi, TR.

Algiers, Algeria—19 Rue Michelet; 33590; Robert H. Berle, DSM.

Albuquerque, N. M.—Amarillo Hotel; Ent. 1-0674; W. Humbert.

Amarillo, Tex.—Herring Hotel Lobby; 5-5393; Glenn L. Hall, DSM.

Athens, Greece—Constitution Square; 20-461; J. M. Davenport, DSM.

Baltimore, Md.—Fayette & Calvert Sts.; Plaza 2790; Lloyd Berry, CSM.

Barrington, Pa.—Plaza de Catalina St.; 22-55-34; Jose Sagarra, CTM.

Basra, Iraq—Shat Al Arab Hotel; 05-393; J. C. Gindraux, DSM.

Beirut, Lebanon—Ghraoui Bldg.; 69-15; J. R. Keegan, DSM.

Beverly Hills, Calif.—Los Angeles Airport; Crestview 4-5124; E. L. Morley, R.

Bombay, India—"Adelphi"; 3 Queens Road; 35041-3-3; N. C. Thompson, DSM.

Boston, Mass.—44 School St.; LaFayette 3-3000; J. H. deRovere, DSM.

Boulder City, Nev.—Boulder City Airport; 20; Las Vegas 1100; W. E. Baker, SNM.

Burbank, Calif.—Lockhead Air Terminal; Michigan 3-141, Stanley 7-1531; Paul W. Furst, SNM.

Cairo, Egypt—55 Ibrahim Pasha; 79770; G. J. Craden, DSM.

Calcutta, India—22 Park St.; West 555; A. C. Thapar, R.

Chicago, Ill.—South Wabash; DEARBORN 2-7690; J. D. Harrigan, DSM.

Cincinnati, O.—304 Frackton Bldg.; Parkway 4234; Frank McLaughlin, DM.

Cleveland, O.—540 Union Commerce Bldg.; Superior 1-2700; Charles R. Mathews, Jr., DSM.

Columbus, O.—16 South 3rd St.; Main 2141; P. D. Strahm, DSM.

Dayton, Ohio—131 North Ludlow St.; Adams 7234; Gordon R. Hanes, DSM.

Denver, Colo.—323 17th St.; Tabor 5106; W. H. Fritts, DSM.

Detroit, Mich.—334 State St.; Woodward 2-9100; W. L. Armstrong, DSM.

Dhahran, Saudi Arabia—Saudi Arabian Govt. Hotel; Army 124; E. W. Rankin, DSM.

Dublin, Ire.—44 Upper O'Connell St.; Dublin 75451/3/5; Lam Bory, DSM.

Evansville, Ind.—27 South Wabash; DEARBORN 2-7690; J. D. Harrigan, DSM.

Ft. Wayne, Ind.—Baer Field; HARRISBURG 2304; E. E. Kelsey, SNM.

Frankfurt, Germany—62-60 Taunusstr.; 33347; W. C. Loue, DSM.

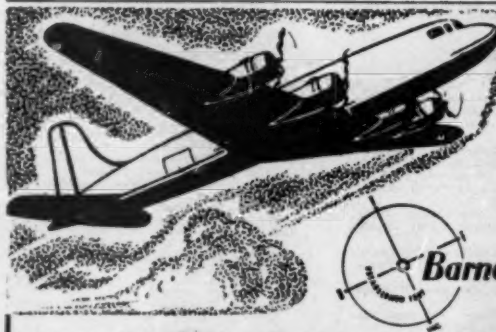
Fresno, Calif.—1257 Broadway at Merced St.; 5-3057; Parks E. Gilmore, DSM.

Geneva, Switzerland—14 Rue du Mont Blanc; 2.65.90.99; P. G. Yaudenovich, DSM.

Grand Canyon, Ariz.—Valle Airport, Williams, Ariz.; Grand Canyon 5; Alfred D. Oida, R.

Hannibal, Mo.—Quincy Municipal Airport; Enterprise 3366; L. J. Woodward, R.

Harrisburg, Pa.—Harrisburg State Airport, New Cumberland, Pa.; HARRISBURG 4-3601; W. W. Sponaler, DSM.



WE DELIVER THE GOODS

FROM ANY PART OF THE WORLD
TO ANY PART OF THE WORLD *on time!*

We have an outstanding reputation for delivering cargo to any destination promptly . . . Leading shippers have recommended us because of our efficient service.

FME No. 422

Barnett International Forwarders, Inc.

723 SEVENTH AVENUE, NEW YORK 19, N. Y. Circle 5-6080 to 6088

FOR PICK-UP AND DELIVERY SERVICE PHONE CIRCLE 5-6080 • OFFICES ALSO AT 119 W. 34TH ST., N. Y. • INTERNATIONAL AIRPORT, NEWARK, N. J. • LOS ANGELES, CAL.

AIRLINE CARGO DIRECTORY—Continued

Hollywood, Calif.—4301 Sunset Blvd.; Michigan 3141; Paul Duggan, CSM.
Houston, Tex.—802 Esperson Bldg.; CHarter 6044; C. D. Whitmore, Jr., DSM.
Indianapolis, Ind.—30 W. Washington St.; Plaza 4351; Robert Kall, DSM.
Kansas City, Mo.—101 West 11th St.; Grand 2368; John W. Bailey, DSM.
Karachi, Pakistan—34 Zensath Mansions; 3122; Sultan Haid, TR.
Lancaster, Pa.—Lancaster Municipal Airport; 6433; H. W. Sigmund, SNM.
Las Vegas, Nev.—McCarran Field, Box 1370; Las Vegas 1169; C. E. Duffy, SNM.
Lisbon, Portugal—15 Avenida Antonio, Augusto de Aguiar 10, Dto.; 2193-2138; Jose Cabral, DSM.
London, England—200 Piccadilly; Regent 3211; C. L. Yates, DSM.
Long Beach, Calif.—Wilton Hotel; Long Beach 7-5932; W. B. McIntyre, R.
Los Angeles, Calif.—630 West 6th St.; Michigan 5141; F. S. Donant, DM.
Louisville, Ky.—455 S. 4th St.; Clay 5521; Howard Goodrich, Jr., DSM.
Madras, India—37 Mount Road; 84166; M. Venkataraman, CTM.
Madrid, Spain—Av. Jose Antonio 68; 31-55-64; F. E. Howell, DSM.
Mansfield, O.—Mansfield Airport; 6552-6; Thomas A. Ansel, SNM.

Mexico City, Mex.—Paseo de Reforma No. 1; 16-37-15, 36-69-55; Douglas Stockdale, DSM.
Miami, Fla.—1335 Alfred I. duPont Bldg.; 32-5833; D. A. O'Connor, DSM.
Milano, Italy—Via Verdi No. 2; 79485 3-4-5-6-7; Giuseppe Macri, CTM.
Minneapolis, Minn.—133 Northwestern Bank Bldg.; Geneva 8634; H. W. Diekmann, Jr., DSM.
New York, N. Y.—30 East 42nd St.; Lexington 2-7100; W. W. Coyle, DSM.
Newark, N. J.—15 Commerce St.; Mitchell 2-7650; W. J. Cotter, CSM.
Oakland, Calif.—425 17th St.; Exchange 2-3711; H. T. Flynn, CSM.
Paris, France—101 Avenue des Champs Elysees; Balzac 10-83; Lambert, DSM.
Pasadena, Calif.—Constance Hotel; Sycamore 6-4556; F. W. Benson, R.
Peoria, Ill.—301 South Adams St.; 4-7141; John S. Powell, DSM.
Philadelphia, Pa.—Broad & Sansom Sts.; Rittenhouse 6-6330; M. D. Nason, Jr., DSM.
Phoenix, Ariz.—30 East Adams St.; 2-5721; J. D. Inderieden, DSM.
Pittsburgh, Pa.—1173 Union Trust Bldg.; Grant 1-2400; L. F. Koster, DSM.
Quincy, Ill.—Quincy Municipal Airport; 2866; L. J. Woodward, R.

Reading, Pa.—Reading Municipal Airport; Reading 7353; Paul Detweiler, R.
Rome, Italy—50-61 Via Barberini; 471141; Richard Maserini, DSM.
St. Louis, Mo.—1017 Olive St.; Garfield 6245; J. Chesley Stewart, DSM.
St. Paul, Minn.—123 Northwestern Bank Bldg.; Minneapolis 2; Nestor 5549; H. W. Diekmann, Jr., DSM.
San Diego, Calif.—1122 Fourth Ave.; Franklin 0131; J. R. Frasier, DSM.
San Francisco, Calif.—341 Stockton St.; EXbrook 2-3711; Pierre G. Desautels, DSM.
Schenectady, N. Y.—Albany Municipal Airport; Watervliet, N. Y.; Albany 2-3293; Glenn Wise, CSM.
Scranton, Pa.—Scranton-Wilkes-Barre Airport; Avoca, Pa.; Scranton 2110; James M. Wulpi, DSM.
South Bend, Ind.—Bendix Field; 2-1414; H. W. Oesch, SNM.
Tel-Aviv, Israel—1 Achusat Bait St.; 67441-3; Edward Frankfort, DSM.
Terre Haute, Ind.—Gulman Field; Crawford 1317; W. R. Clarke, SNM.
Teleda, O.—136 Huron St.; LU (Moline) 5401; Lee Day, DSM.
Topeka, Kan.—Topeka Municipal Airport; 2-4148; M. J. Chandler, SNM.
Troy, N. Y.—Albany Municipal Airport; Watervliet, N. Y.; Albany 2-3297; Glenn Wise, CSM.
Tunis, Tunisia—Rue de Bordeaux; 43-41, 78-47; W. H. Meisner, OM.
Washington, D. C.—1928 17th St., N. W.; REpublic 5400; John P. Brock, DSM.
Wheeling, W. Va.—Ohio County Airport; 6072; John Lesper, SNM.
Wichita, Kan.—294 South Broadway; 67441-3; Edward Frankfort, DSM.
Wilkes-Barre, Pa.—Scranton-Wilkes-Barre Airport; Avoca, Pa.; Wilkes-Barre 2-8427; James M. Wulpi, DSM.
Williamsport, Pa.—Williamsport Municipal Airport; Montoursville, Pa.; 5423; James B. Fennell, SNM.
Wilmington, Del.—Broad & Sansom Sts.; Philadelphia 16, Pa.; Rittenhouse 7353; M. D. Nason, Jr., DSM.
Winslow, Ariz.—Winslow Airport; 654; E. C. Twing, SNM.
Worcester, Mass.—Municipal Airport; Enterprise Worcester 2-7315; Dave LeBlanc, R.
Zanesville, O.—Zanesville Airport; 2-3412; Donald C. Logan, SNM.
Zurich, Switzerland—66 Talstrasse; 57-34-10-19; H. G. Melli, CTM.

U. S. AIRLINES

Address: Broward County Airport, Fort Lauderdale, Florida.
 Phone: Calhoun 5545.
 Executive Vice President: Ralph W. Starkey.
 Cargo Offices:
 Miami, Fla.—22 N. E. 36th St.; 37461; Joseph Thomas, RTM.
 New York, N. Y.—153 W. 33rd St.; LACKAWANA 4-1325; James R. Cason, Jr., RTM.

LIMITED SUPPLY AVAILABLE

Full Year's Issues of

AIR TRANSPORTATION

bound in handsome green leather and stamped in gold

\$10.00 per volume

each covering one of the following years:

1944	1947
1945	1948
1946	1949
1950	

To order, merely enclose the year(s) desired, and submit this coupon with your letter or remittance, 10% discount credited to all orders paid in advance.

10 Bridge Street
 New York 4, New York

AIR CARGO and EXPRESS SHIPMENTS TO ALL PARTS OF THE WORLD

- SPECIALISTS IN CUBAN SHIPMENTS
- EFFICIENT DOOR TO DOOR DELIVERY
- WE FINANCE SHIPMENTS

OFFICES: Havana, Cuba • Miami, Florida • Chicago, Ill. • New Orleans, La.
 CABLE ADDRESS: REDIRK • F.M.S. NO. 31

REDIKER AIR CARGO, Inc.

281 Church Street, N.Y. 13, N.Y. BArday 7-0703



SPEEDY SAYS...

"NOW YOU CAN'T AFFORD NOT TO
 USE AEIA'S INTERNATIONAL AIR
 CARGO SERVICE! Under our own
 International Tariff, as a C.A.B.
 Registered International Freight
 Forwarder, we can offer our

customers up to 50% on MINIMUM AIRLINE CARGO SHIPMENTS across the Atlantic."

AIR EXPRESS INTERNATIONAL AGENCY, INC.

and its ocean freight subsidiary
 Surface Freight Corporation
 44 Whitehall Street, New York 4

BOWling Green 9-0200

Miami : Houston : Los Angeles : San Francisco : Chicago : New Orleans
 Newark

F. M. S. Freight Forwarder Reg. 589

UNITED AIR LINES

Address: 5959 S. Cicero Avenue, Chicago 33, Ill.
Phone: Portsmouth 7-3300, Exts. 551, 504.

Cable Address: UALAIR.

Manager of Cargo Sales: E. L. Dare.
Staff Supt. of Air Freight: R. L. Mansgold.

Supt. of Cargo Service: F. W. Atell.

Cargo Offices:

Akron, O.—251 So. Main St. May-Sower Hotel; Hamlock 2111; CSM.
Baltimore, Md.—Lobby, Lord Baltimore Hotel; Riverside 2551; CSM.
Boise, Idaho—Hotel Boise; 7700; DSM.

Boston 16, Mass.—45 Providence St. Statler Hotel (Lobby); Hancock 6-9500; A. S. Jaikut, DCR.

Chicago, Ill.—Monroe & Wabash; Franklin 2-4900; A. W. Flinn, DCR.

Cleveland, O.—1376 Euclid Ave.; Main 2170; N. M. Nelson, DCR.
Denver, Colo.—Brown Palace Hotel; Dexter 1501; DSM.

Des Moines, Iowa—411-A Sixth Ave.; 2-0451; CSM.

Detroit, Mich.—1343 Washington Blvd.; Woodward 2-5330; H. G. Harwood, DCR.

Fort Wayne, Ind.—Van Orman Hotel; H-2183; CSM.

Fresno, Calif.—Californian Hotel; 6-0451; DSM.

Hartford, Conn.—Lobby, Bond Hotel; 2-1187.

Hollywood, Calif.—1634 N. Vine St.; Madison 6-6211; CSM.

Houston, Tex.—173 S. Queen St. Dillingham Bldg.; 8-4491; DSM.

London, England—17-19 Cockspur St. Whitehall 1163; DSM.

Long Beach, Calif.—Wilton Hotel; 48501; CSM.

Los Angeles, Calif.—Sixth & Olive Sts.; Madison 6-6311; J. P. Steinbrenner, DCR.

Milwaukee, Wis.—605 N. Plankinton Ave.; Humboldt 3-4000; DSM.

Minneapolis, Minn.—Le Claire Hotel; 293; CSM.

Newark, N. J.—13 Commerce St. Market 2-1122 & 2-6207; A. Armstrong, DCR.

New York, N. Y.—80 E. 42nd St. Murray Hill 2-7300; E. T. Carlin, DCR.

Oakland, Calif.—1940 Broadway; Twinkoaks 3-7000; A. A. Cameron, DCR.

Omaha, Neb.—1706 Douglas St.; Webster 8700; DSM.

Philadelphia, Pa.—1620 Walnut St. Kingsley 6-1700; E. R. Carnahan, DCR.

Portland, Ore.—625 S. W. Morrison St.; Webster 7741; DSM.

Providence, R. I.—Lobby, Sheraton-Biltmore Hotel; Union 6800; CSM.

Reno, Nevada—Hotel Riverside Bldg.; 2-8487; DSM.

Sacramento, Calif.—Hotel Senator; 6-4755; DSM.

Salt Lake City, Utah—Hotel Utah; 2-6716; DSM.

San Diego, Calif.—U. S. Grant Hotel; Woodcrest 3121; DSM.

San Francisco, Calif.—400 Post St.; Yukon 6-0818; W. G. Pheldon, DCR.

Seattle, Wash.—1235 4th Ave.; Elliot 3700; DSM.

Sydney, Australia—29 Fairfax Rd.; DSM.

Spokane, Wash.—734 Sprague Ave.; Riverside 6664; DSM.

Springfield, Mass.—Hotel Kimball; 7-2567; CSM.

Tacoma, Wash.—Winthrop Hotel; Main 3181, Ext. 9990; CSM.

Toledo, O.—587 Jefferson Ave.; Garfield 3041; DSM.

Vancouver, B. C.—Hotel Georgia Bldg.; Marine 5353; DSM.

Washington, D. C.—Statler Hotel; Republic 5656; DSM.

Youngstown, O.—Pick-Ohio Hotel; Girard 6-5461; CSM.

WESTERN AIR LINES

Address: 6050 Avion Drive, Los Angeles 48, Calif.

Phone: Oregon 8-2531, Exts. 235, 335.

Director Sales Administration: Arthur C. Smith.

Director Cargo and Ramp Service: T. L. Runner.

On Sale!

AMERICAN IMPORT & EXPORT BULLETIN'S

Special Torquay Issue

featuring the new rates of duty which reflect United States tariff concessions granted to 15 countries as a result of the Torquay Trade Agreement . . . arranged in a simplified manner for quick rate-determination.

Affects Imports From

AUSTRIA
BENELUX*
BRAZIL
CANADA
DENMARK

DOMINICAN REP.
FRANCE
PERU
TURKEY
GERMANY

INDONESIA
KOREA
NORWAY
SWEDEN

*Belgium, Netherlands, Luxembourg

\$1.00
per copy

American Import & Export Bulletin
10 Bridge Street
New York 4, N. Y.

Gentlemen:

Please send us . . . copy(ies) of the Special Torquay Issue of the American Import & Export Bulletin @ \$1.00 each.

Firm

Individual's Name

Title

Address

City

Zone

State

☐ Money enclosed

☐ Please send bill



AIR FRANCE: Leendert C. Zonruiter, formerly with KLM, appointed administrative manager . . . The new Midwest district manager is Raymond T. De Night.

Air India: R. C. Bakhle, B.Sc. (Eng.), M.I.E. (India), M.Inst.T. is announced as the new managing director.

Braniff: Carl Boyles replaces Kenneth (Bill) Loeffler as station manager at Austin, Texas. Loeffler has been transferred to the newly opened station at Miami International Airport . . . Guy Carter, Jr., named temporary manager at the Miami Gateway.

Chicago and Southern Air Lines: Promotions were merited by George E. Shedd, named agency and interline sales manager; Joseph W. Mayer, now general traffic manager; John J. Shad, appointed general sales manager.

Colonial Airlines: Named as a director is Joseph V. Shields, member of the New York Stock Exchange.

Flying Tiger Line: J. P. Goldsmith now serving as Eastern operations manager.

KLM Royal Dutch Airlines: Two new regional representatives are Rudolph

Bulterman for the New England states, and Henry van Luenburg for the Southeastern portion of the United States.

Philippine Air Lines: From regional traffic and sales manager for Southern Asia, Ch. N. Biondi was promoted to the position of general traffic and sales manager, with headquarters in Manila . . . Philippine traffic and sales manager is now C. A. Preyler . . . J. Gallegos was named Manila district sales manager . . . Luis Gallegos is technical traffic manager . . . J. A. Santiago, Jr., international reservations and load control supervisor.

Scandinavian Airlines System: Harry J. Cooper, formerly of TCA, now with S&S in Chicago . . . The post of supervisor of commercial sales covering North America has gone to former Slick representative, Whitney Bowles.

Trans-Canada Air Lines: W. Gordon Wood appointed vice president in charge of traffic. He succeeds Anson C. McKim, recently resigned.

DIRECT

AIR CARGO
Service via

C&S

SPEEDPAK
to
**CUBA • JAMAICA
VENEZUELA**

Cargo Speedpaks—detachable units with an 8000 pound capacity—are carried on C&S' 300-mile-per-hour Constellations to provide single carrier service between Chicago and New Orleans—Detroit and Houston and other Mississippi Valley points and from the U. S. to cities in the Caribbean. Single carrier service means less handling and faster transportation at lower cost.

For rates or information contact the nearest C&S office or Cargo Sales Manager, Municipal Airport, Memphis, Tenn.

**CHICAGO & SOUTHERN
AIR LINES**

FAST • CAREFUL • DIRECT

Air cargo service to

**ALL EUROPE
THE NEAR EAST
THE BELGIAN CONGO
SOUTH AFRICA**

VIA

**SABENA
BELGIAN AIRLINES**

Over a Quarter of a Century of INTERNATIONAL AIRLINE SERVICE ASSURES YOU EXPERT, SAFE, SURE DELIVERY OF YOUR SHIPMENTS TO ANY POINT ON SABENA'S 34,000-MILE SYSTEM, REACHING

Belgium	Italy	Sweden	Czechoslovakia
Switzerland	Germany	Greece	Israel
France	Holland	Spain	Belgian Congo
England	Denmark	Portugal	South Africa
	Norway	Poland	

For Full Information on Air Cargo Service to ANYWHERE IN THE WORLD, consult your Broker, or

SABENA BELGIAN AIRLINES

422 Madison Ave., New York 17
Plaza 3-1800

209 E. LaSalle St., Chicago 4; Franklin 3-3670
323 Geary St., San Francisco 2; YUkon 2-8922
529 W. Sixth St., Los Angeles 14; Mutual 1291
235 Lincoln Road, Miami Beach; Miami 58-5811
1317 Praetorian Bldg., Dallas 1; Prospect 4772
1404 New York Ave., Washington 5; Metropolitan 4924



*The World Airlines with
The Extra Margin of Experience*

Now on Sale!

1951 Edition

of the

**CUSTOM
HOUSE
GUIDE**

Includes

Special Supplement

covering the

TORQUAY AGREEMENT

BUSINESS FLIGHT



If you're not convinced that flying is good business, it's almost 2 to 1 you're in the minority . . .

Ground personnel have to be as mobile as flight personnel in order to carry out the idea of service first and foremost . . .

United Air Lines and American Tel & Tel have joined forces for faster and safer business flights . . .

Some interesting economics for the penny-wise business flyer . . .

● Although only five percent of the population has flown so far, half of that percentage belongs to businessmen who have found that air travel is their one big answer for safe, fast and economical transportation. Furthermore, the Department of State has issued a list of statistics which shows that of the 41,246 people who have applied for passports between April and June of this year, as necessary for business travels, 28,617 of them—or better than half—have chosen to go by air. And out at Oakland Municipal Airport, in California, official word has come that most of the patrons flying with California Central Airlines alone are businessmen. They certainly know a good thing when they see it.

● Wherever the need is great for new or additional service in the field of transportation, the air carriers are bound to get on the ball first, and to stay there. Ken Hastings, Continental Air Lines' station manager at Wichita, Kansas, was shifted almost overnight down to Houston, Texas, when he suddenly became the new station manager for the Continental-American interchange flights from Houston to the West Coast. In six days he had to find and organize an eight-man reservations and DC-6 turn around crew at Houston. In three days he had picked eight flight service men and transferred them to Houston. He arranged for ticket and counter space with Chicago and Southern, until his own company's counter could be arranged. With American Airlines operations and maintenance officials, he quickly trained personnel and himself on the servicing and turnaround maintenance of DC-6 aircraft, with which he had had little experience. When office space could not be had, he borrowed part of American Airlines' office for his reservations department. In six days, without a hitch in schedule, the interchange flights arrived and departed from Houston. Ken proved that no matter what the job, the airlines can come through on time.

● For safer, faster flying, this country's first VHF radio network has been completed. United Air Lines is using it—a new five-station web as a party line for daily flight operations on the Chicago-Cleveland segment of its coast-to-coast route. Stations for the system are at Chicago, South Bend, Auburn, Toledo and Cleveland. The static-free qualities of VHF has long been considered a superlative method of radio communications for airlines. However, since VHF signals are blocked by the earth's curvature, which limits their range, United's stations are interconnected by private telephone lines. Thus all stations and all United Mainliners flying the Chicago-Cleveland run simultaneously receive transmissions from any point aloft or on the ground. Static conditions do not prevail on VHF, and the network relieves congestion on the regular high frequency channels. Now, if a pilot wants to report weather conditions over Auburn, his message is picked up at Auburn and relayed automatically to South Bend, Chicago, Toledo and Cleveland for instant rebroadcasting; his information is immediately pooled for the benefit of all pilots on the route. This network, invented to expedite business flights, was developed by both United Air Lines and American Telephone and Telegraph Company. United provides the radio equipment now, but in six months, American Tel and Tel will install its own equipment and assume maintenance of the network.

● Trans World Airlines has found that while the purchasing power of the dollar has shrunk approximately 50 cents since 1940, the airline dollar has gone down to only 89 cents. At present, the air passenger can fly 17.5 miles for one dollar. In 1940, he could fly only two additional miles for the same price. The value that still exists in the purchasing power of the airline dollar is even more forcefully revealed

Air-to-ground telephones for the anxious executive . . .

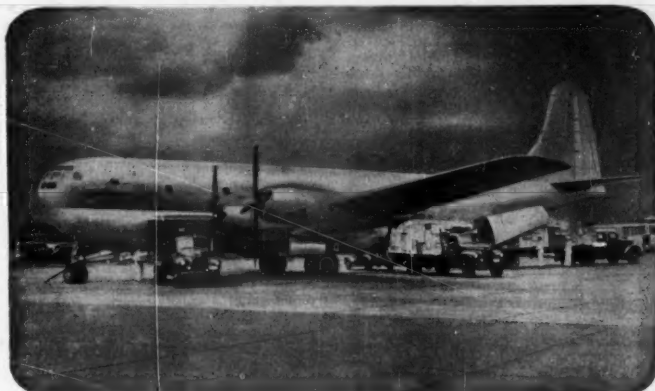
when one realizes that, according to recently published surveys, the food dollar is worth only 43 cents, clothing 50 cents, and house construction 44 cents. In lieu of these figures, 89 cents for the airline dollar is nothing short of miraculous!

● Five Martinliners, soon to be put into use by California Central Airlines will be equipped with air-to-ground telephone equipment. With this equipment, the executive will never be out of touch with his home office. Other features aboard these intrastate liners will include a cocktail lounge, conference rooms, snacks and coffee served on all flights. Flying time between Oakland and Los Angeles will be reduced to 88 minutes, as opposed to the hour and 57 minutes taken by the DC-3s and DC-4s still in operation. Anxiety about business can't last long on this route. The airlines think of everything!

What about
SUBSIDY?

See December's **AIR TRANSPORTATION**

Air Cargo Insurance



DOUGLAS STRATOFREIGHTER

WHEN air cargo moves at three miles a minute—and every minute means money—then air cargo insurance service must move at the speed of flight, too.

But, as in aviation itself,—speed and precision in insurance service require years and years of practical experience and a world of knowledge. *And a mind open to change!*

That is why our policies, which protect shipments everywhere, are not only firmly based on sound insurance principles,—but are kept in step with rapidly changing air transportation developments at all times.

Let us aid you in maintaining proper air cargo coverage for your clients.

ESTABLISHED 1881

WM. H. MCGEE & CO., INC.

111 John Street

New York 7, N. Y.

SERVICE OFFICES

BALTIMORE • BOSTON • CHICAGO • COLUMBUS, O. • DALLAS • HOUSTON • LOS ANGELES
MONTREAL • NEW ORLEANS • PHILADELPHIA • SAN FRANCISCO • SEATTLE • TAMPA • TORONTO

MAILBAG MEMOS

Mr. Richard Malkin
Managing Editor
Air Transportation
10 Bridge Street
New York 4, N. Y.

Dear Richard:

I thought you would like to learn that our first cargo familiarization contest was an outstanding success, due in no small way to your assistance in judging the winners.

Over and above the forty suggestions for cargo betterment which was submitted by the entrants and adopted, or soon to be adopted by C&S (Chicago and Southern), we have received quite a number of letters confirming our belief that the questions in this contest would be very educational and instructional to those C&S employees who do not come into contact with Cargo Manuals, directories and tariffs in their everyday duties. The fact that a Passenger Ticket Agent in Havana, won first Traffic division prize was indicative that the contest did reach the type of personnel we were attempting to enlist as Cargo Sales Agents. The more than forty practical suggestions will sufficiently repay our investment in cash prizes. Thanks again for aiding us in this venture.

Yours very truly
Gerald J. Keller
Cargo Sales Manager

CROSSWORD ANSWERS TO LAST MONTH'S PUZZLE

ACROSS

1. REA
2. Douglas
9. NEA
12. EI
13. Mann
14. Pews
16. Hi
17. Cars
18. Germ
19. Oh
21. Owed
22. Lido
23. Ft.
24. Les
26. It
28. SE
29. Ear
30. Upton
31. Mar
33. Nedda
34. Later
36. Identifications
37. Pious
38. Nests
42. Ant
43. Tokyo
46. Imp
47. He
49. Ir
50. Fer
51. Zo
52. Pest
53. Aria
55. St.
56. Curt
57. Ingo
58. N. C.
60. Kiel
62. Eze
63. In

DOWN

64. GGA
65. Freight
66. Leg
1. Revolutionizing
2. EI
3. Darwin
4. Onset
5. UN
6. LP
7. Aegis
8. Sweden
10. Eh
11. Air Transporting
13. Mao
15. SHO
20. Hep
23. Fad
26. At
27. Nations
29. Ed
31. Maña
32. Recut
34. Lip
35. Ras
39. Emu
40. S. P.
41. Sheriff
43. Triact
44. KP
48. Yes
49. Ester
50. Irish
52. FUK
54. Age
59. CC
61. Le
62. eze
63. La

New Totals in Air Cargo Gains

Revenue ton-miles

Carrier	1946	1947	1948	1949	1950	1st Half 1951
Slick	11,198,594	21,069,651	25,581,403	24,247,012	35,700,800	32,483,892
Flying Tigers	5,793,270	5,788,476	13,399,001	11,942,239	21,435,309	15,126,257
American	10,475,523	11,178,731	21,822,054	31,845,434	35,304,596	17,936,000
United	4,445,080	10,091,734	19,807,208	23,727,149	28,034,278	11,949,710
Eastern	320,450	2,338,880	5,730,243	9,114,101	9,751,213	2,594,778
Capital	572,400	2,433,202	5,199,014	7,450,410	8,586,983	2,568,238
TWA	2,196,088	4,920,493	9,999,732	12,035,978	13,804,122	7,722,000
Total All Carriers	35,062,095	58,421,167	101,538,745	120,362,323	152,617,303	90,380,675

tape to any surface, including glass, is now available. By means of an automatic feed control, each trigger-squeeze dispenses, cuts and attaches a strip of tape one inch long by $\frac{1}{4}$ of an inch wide. For longer strips, half-pressure on the trigger will bring out tape to the desired length. The unit is lightweight, portable and easy to load, made of an all-steel construction with case-hardened working parts for long-lasting precision operating.

Wanted
HELICOPTERS with PERSONNEL
to work with a surveying company
in Israel.
P. O. Box 65, Tel Aviv, Israel

LOW SHIPPING RATES!

NEW YORK direct to COLOMBIA

• BARRANQUILLA

Only \$2.28 per pound on shipments from 100 to 3,300 pounds. \$2.35 per pound on larger cargoes.

• BOGOTA

Now \$3.37 per pound on shipments from 100 to 3,300 pounds. \$3.33 on larger cargoes.

SAME DAY ARRIVAL IN COLOMBIA
with connections to

QUAYACUIL and QUITO, ECUADOR
CALLI, MEDELLIN

Shipments accepted collect, payable in Colombian currency.

See Your Forwarding Agent

AVIANCA
COLOMBIAN NATIONAL AIRWAYS

"Oldest Airline in the Americas"
Organized 1919

General Agents:
PAN AMERICAN WORLD AIRWAYS
80 E. 42nd St., N. Y. 17, Stillwell 6-6660

Seattle Lists Cargo Gains

SEATTLE—According to a consolidated report released by the Port of Seattle's Seattle-Tacoma Airport, air traffic handled here has jumped considerably during the first seven months of 1951. Mail movements during this period increased 30 percent over last year's total. Express movements increased 37 percent. Freight movements went over 41 percent; passenger increase was only 21 percent.

The main north-south runway of this airport has been increased in length and is again in service. Taxiways serving the runway have been widened, and high intensity lighting installed. Seven carriers are now tenants of Seattle-Tacoma International whereas originally there had only been four. Substantial gains made in air cargo shipments had necessitated the expansion of this terminal.

Light As A Breath of Air
Speedy on the Wing
Safer—Barring None...



AIR CARGO-PAC

Although "Light As A Breath of Air" may be a bit of a fantasy—it is an established fact that you can't beat Manhattan for scientifically lightweight packing—mightily important in cutting shipping costs. With an eye towards the future, Manhattan's trained specialists continue to be the outstanding packers of any commodity that travels by air, from specialized merchandise to drugs... packed with the utmost degree of safety. For quicker, safer, more economical service contact our Mr. Maier at Circle 7-1700. No obligation, of course. Bonded storage facilities in New York and at N. Y. International Airport.

MANHATTAN

STORAGE & WAREHOUSE CO.

Main Office at • Warehouse at

52nd St. & 7th Ave. N. Y. Int'l Airport

Circle 7-1700 Olympia 6-5151

NEW EQUIPMENT

FOR THE

Shipper & Carrier

BAKER-RAULING COMPANY:

Originally developed for use in the dairy foods industry, a new load inverter attachment can now be adapted to any operation that requires the regular inverting of palletized loads without taking them from their pallets. This attachment consists of a revolving head and a set of top and bottom forks, a plywood backstop and a side retaining board. It is used extensively by manufacturers who must interrupt the natural settling action of their product, and it can be quickly installed on any Baker 3,000 pound or 4,000 pound capacity fork truck.

► **Yale and Towne Manufacturing Company:** A new automatic clamp attachment for industrial lift trucks that tier refrigerators, ranges, washers and other similar products is now available. Hydraulically operated, the new clamp handles two objects up to 75 inches high and 36 inches wide, and stacks them 17 feet high simultaneously. It is available on almost any capacity gasoline or electric powered industrial truck manufactured by Yale and Towne. The trucks are also equipped with a hydraulic side shifter which permits the load and clamp to be shifted four inches to either side of center. This allows close, accurate spotting of the load and saving of space next to walls and between loads.

► **Tobey Manufacturing Corp:** Western Airlines is partly responsible for the new Flexi-Truck. The Flexi-Truck is described as not "just another baggage trailer," but a truck that, with a load of approximately 1,000 pounds, can still be pushed by a small child. The truck, when empty weighs only 450 pounds, or considerably less than the ordinary baggage truck. This truck, also known as Model 130, was designed in close cooperation with the management of Western Airlines, which has adopted it as standard equipment. Model 130 requires no painting or other maintenance whatever. It comes equipped with all aluminum wheels and casters, permanently greased and sealed Timken bearings, and Neoprene tires. Without increasing costs, the Flexi-Truck can handle more than double the usual load.

► **Arrow Fastener Company:** T-32 Gun Tacker is the new industrial stapler whose applications in industrial packaging is unlimited. In the materials handling field it is used to expedite shipping operations by tacking tags, labels, protective linings and paddings onto or into crates, boxes, cases, boxcars, etc. In fields such as woodworking or the building industry, it can be used for assembling wood veneers, tacking upholstery or wallboard, battings, insulation and other materials. This unit offers quick, one-hand operation. It is self-feeding (loads staples of $\frac{1}{4}$ in. and $\frac{5}{16}$ in. sizes), and functions within $\frac{1}{16}$ in. of any corner.

► **Trig-A-Tape Corp:** An automatic trigger-fast tape dispenser that in a single motion feeds, cuts and attaches a strip of

New York to Tel-Aviv in 22 hours flying time
New York to Johannesburg in 38 hours flying time
No change of equipment.

Direct flights from New York to:

London

Tel-Aviv

Nairobi, Gateway to East Africa

Johannesburg

FLY

EL AL

ISRAEL AIRLINES



**Ultra-modern
long-range CONSTELLATIONS.**
American flight crews

with 8½ years trans-Atlantic flying experience on scheduled airlines.

**EL AL is a member of IATA with interline agreements
with major international carriers.**

Standard IATA Commissions guaranteed.

For information call your freight forwarder or contact

**EL AL Israel Airlines
37 West 57th Street, New York 19, New York
PLaza 9-8610**

LOW COST SERVICE

(Continued from Page 8)

scheduled air transport industry to the Korean and Berlin airlifts.

Aviation's capacity to contribute to world commerce will be further increased by new transport planes of tomorrow—the long-range Douglas DC-6B and the L-1049, the new and bigger Lockheed Constellation. These new planes will offer increased speeds, more non-stop service and therefore shorter flight schedules. More and more discriminating first-class passengers are demanding berths for overnight inter-continental flights. As a result more and more modern aircraft flying the world trade routes will provide berth or Sleeperette facilities.

Meanwhile, jet engines are already powering Britain's Comet and Canada's Avro jetliner, two new transport aircraft which have not yet gone into scheduled service. Those of you who have read, in the history of foreign trade, how British steam drove the Yankee Clippers from the seas may have wondered if a similar fate is to overtake the American flag on the world's airways.

Disregarding for the moment certain technical problems relating to let-down procedure under low ceiling conditions which can be mastered, jet transports which are flying today are not capable of economic ocean operation. The two or three fueling stops required for a trans-Atlantic flight would more than offset the advantage of the jet transport's higher cruising speed aloft.

But neither American nor British designers and manufacturers are idle. We must not measure tomorrow's jet transport performance by the planes flying today. We can hope that perhaps in five years, travel time over the oceans will be cut in half by longer-range pure jet or propjet transports which will be relatively free of both vibration and cabin noise. Europe will then be only six hours from the United States as compared with twelve hours today.

In 25 years, international air transport has become an indispensable factor in United States foreign trade. Air transport's contribution in the years ahead will be even greater. I refer particularly to the contribution it will make in reducing the dollar deficit on the world balance sheet—through mass world travel by American tourists.

Although few people yet realize it, last year's foreign travel by American tourists was a billion dollar business. The billion dollars left abroad by American tourists already exceeds the \$800,000,000 which American industry has invested abroad in each of the post-war years. It is twice the half-bil-

lion dollars which the Gray report to the President recommends be given away annually by the American taxpayer under the Point IV program during these troubled times.

I do not need to tell this group of the importance of increasing foreign purchasing power by increasing the supply of dollars abroad.

The report of the ECA Commerce Mission in February of 1950 stated that the United States has given away to foreign countries 63 billion dollars out of the taxpayer's pocket between 1914 and 1948. The dollar deficit amounted to 29 billion dollars for the first four postwar years. Even last year, in 1950, with recovery progressing in Western Europe, the dollar deficit stood at three billion dollars—a figure which would have been larger had foreign controls in many countries not curtailed imports from the United States.

Foreign travel expenditures by Americans thus have a special significance for the American foreign trader—and for the survival of the free world. In 1950, as I have pointed out, some two million Americans spent approximately one billion dollars abroad. Four million additional Americans, who would go abroad if they could, would leave another one and a half to two billion dollars abroad each year—dollars which are pleasure dollars not tax

dollars, dollars which can buy American goods, dollars which can strengthen the free world.

The goal of three billion American tourist dollars spent abroad annually could be reached during the next few years. The airplane is a lethal weapon in war but a life-giving tool in peace—a sword in combat but the proverbial ploughshare in world commerce.

Pan American's conception over the years has been that international air transport has had the choice—the very clear choice—of remaining a luxury service to carry only the well-to-do at first class tariffs—or to carry the average man at what he can afford to pay. Pan American chose the latter course—to carry the average man at what he can afford to pay.

In line with that philosophy, first-class fares were reduced at war's end and studies were initiated into the economics of still lower tourist-class air service that would permit mass air transportation on a world-wide scale. This objective was not just altruism. Tourist-class air service is simply an application of the tested American principle of mass production—achieving a wider and wider market by lowering the unit price of the product.

In September, 1948, Pan American inaugurated the world's first tourist-class air service—between New York

CUT SHIPPING COSTS



USE AIRFREIGHT!

General commodity rates

100 pounds, New York to Los Angeles—

\$80.00

AIR PARCEL POST

\$77.40

AIR EXPRESS

\$21.81

SLICK AIRFREIGHT

* Including pickup & delivery

And Slick Offers:

- Daily DC-4A Airfreighter Service coast to coast...9 hrs. flying time
- Special low commodity rates for many products
- Regularly scheduled service to principal U. S. cities

SHIP THE SLICK WAY...AND SAVE! Call the nearest Slick office for Airfreight information and pickup and delivery service.

Slick airways inc.

3000 N. CLYBOURN . . . BURBANK, CALIFORNIA

A Scheduled Certificated Airfreight Carrier—C.A.A. Approved Aircraft Supply & Service Division

and Puerto Rico. Tourist-class accommodations are less spacious. No hot meals served aloft. But safety standards are not compromised. First-class service continues, of course, for those who can afford it.

In the first five months of tourist-class service, the number of Pan American passengers between New York and Puerto Rico trebled, without adverse effect on the first-class services. By March of 1949, our tourist-class service was in operation throughout South America. Tourist-class air service has been a major factor in boosting air travel to South America. Today, 70 per cent of all persons traveling between the Americas go by air.

Unfortunately Pan American has not yet been permitted to inaugurate tourist-class air service to Europe, though we have been pressing for authority to offer a round-trip tourist-class fare of \$405 for many years. Other trans-Atlantic airlines and their respective governments are now, however, taking a more kindly view of this proposal. We are hopeful that low-cost tourist travel by air will be inaugurated in the spring.

Expansion of foreign travel is limited only by the available time and by the pocketbooks of us Americans; the desire for vacation travel abroad is always with us.

The average employee, with two or three weeks paid vacation, lacks holiday time to go to Europe by tourist-class boats and he lacks the money to go first-class by air. There are now 10,000,000 American families in the \$5,000 a year income bracket who enjoy two or three weeks of paid vacation. Most of them have the vacation time and money to go to Europe tourist-class by air. Many will go every year or every other year when tourist-class air service is available.

Two billion added travel dollars voluntarily left abroad by American tourists on holiday would be a significant contribution to closing the dollar gap. But mass air travel abroad for the average American would bring about an even more important goal—the international education of us Americans.

Senator Arthur Vandenberg once said that his great hobby was foreign travel, not merely for pleasure but for self-improvement. Each year he went abroad to talk, to study, and to observe, which made him a great chairman of the Senate Foreign Relations Committee.

We are a democracy. Our leaders move no faster than the average American voter believes they should. Thus, foreign travel is no longer a luxury. It is a necessity if we Americans are to understand the problems, the politics,

the religions, the ideas, and the ideals of other nations. Our people must become world minded if our nation is to discharge its new responsibilities capably as the leader of the free world.

PROGRESS FOR AIR CARGO

(Continued from Page 5)

modate consignments up to 5' x 7' x 5'6", with an average payload in excess of six tons. This plane is normally available for charter operations on an *ad hoc* basis whenever suitable loads are offered.

How well these two moves paid off is illustrated by our comparative load statistics. In the fiscal year ending March 31st, 1951, BOAC had hauled 5,104 tons of freight, which represents a 108.6% increase over the total for the pre-Stratocruiser year ending March, 1948.

Almost incredible, isn't it. And yet there's even more to be done in getting cargo airborne than anyone has been able so far to do. Of course, the question of greater frequency in the acquisition of payloads is an important factor, but a more universal recognition of the value of flying cargo is coming into existence, and that, quite naturally, indicates greater progress for the air cargo industry.

Other factors, of course, have contributed to this progress. Among them is the thorough modernization and enlargement of BOAC's entire fleet of aircraft as indicative of the general expansion taking place throughout the industry as a whole. Another factor involves the human element: the untiring efforts of everyone in the air cargo industry, particularly the International Air Freight Forwarder, to ensure that full use is made by shippers everywhere who employ air cargo facilities to help expand their markets, perhaps, or take the lead in a highly competitive field by getting their goods there first.

Looking to the future, BOAC will soon take another vital stride toward offering the epitome in fast air cargo service: the 490 miles per hour, jet-powered de Havilland *Comet*, which is scheduled to be introduced on our London-Europe-Africa-Asia-Australia routes early next year.

However great its growth in recent times, the air cargo industry is obviously still in its infancy—who can say where we will go from here? Its accomplishments so far are astonishing, and in aviation—and the air cargo industry in particular—the sky's the limit.

QCA—VANCOUVER

(Continued from Page 10)

manager of the airline is quite optimistic about its future. So, too, are its minor officers, its 35 pilots and 180

employees. All of the personnel intimately involved with QCA expect it to gross over one million dollars this year. To date, all of the expectations of QCA's personnel have been exceeded to an almost incredible degree. Therefore, whatever plans and hopes they may have for QCA can quite conceivably come true. QCA, Canada's third largest airline, is now an integral part of the business establishments of British Columbia.—MAC.

BOXCARS IN THE SKY—I

(Continued from Page 6)

keeping news from being so much waste paper—are well illustrated in the distribution of the Air Express Edition to Latin America, involving as it does the exclusive use of air transportation.²

The key to the problem is "the spread between date of publication and date of delivery." The problem expressed by Ballantyne is not exclusively *Time*'s. It is shared by all newspapers and periodicals distributed beyond the immediate area of their editing and printing. *Time* is a good case in point.

Prior to May, 1941, the steamship lines were used to transport all issues of *Time* to Latin America. Transit time ranged from a week to a month, depending upon destination. According to Ballantyne it was "not uncommon to receive two or three issues in the same mail." (Remember, *Time* is a news magazine.) But this was normal. Newsstand purchasers and subscribers in the Latin American countries expected nothing else. It was quite well known that a steamer took X days or weeks to travel from New York to the country in which they resided, X days for transshipment to inland cities, and X days for final distribution to readers. It was as pat as the rising and setting of the sun.

The United States was still at peace, but Europe was feeling the increasing weight of Nazi bombs. Scarehead-emblazoned newspapers and war new-laden magazines were quickly gobbled up. But nothing is deadlier than yesterday's headlines, and this was becoming a vexatious problem to those at *Time* who recognized the truth of the axiom. The more rapid dissemination of the news magazine was of paramount importance. The answer to the problem

² It is no longer known as the Air Express Edition.

AIRPLANES—Send for Free List

World's largest stock personal & light commercial
Lowest Prices—Domestic & Export
We do everything except *per* for your plane
Be Thrifty Ben, in '81
Dealers write for Dealer discount setup
VEST AIRCRAFT CO. WHOLESALE
Field & Office—Box 52—Capitol Hill Sta.
Denver, Colo.

SOME PEOPLE SAID WE HAD

Holes in our Head



...WHEN WE SAID WE WOULD FLY
FREIGHT AT AIR EXPRESS SPEEDS
WITH RAIL EXPRESS RATES.

COMPARE FREIGHT RATES

Mode / To / From	Cost	Time	Weight
Flying Tiger Air Freight	\$3.00	14.00	15.00
Air Express	\$3.00	71.00	71.00
Air Parcel Post	70.00	80.00	80.00

COMPARE SPEED

Flying Tiger scheduled air freight takes your products across the nation overnight. 35 fast air freighters take single loads up to 20,000 pounds and are at your service 335 days of the year. Air freight is our exclusive business—we do not carry passengers, mail or express—instant your freight carries top priority all the time.

COMPARE SERVICE

Flying Tiger scheduled air freight gives you door-to-door delivery. The Flying Tiger Advance Manifest System enables immediate cargo identification and location at any time during transit. Freight on Flying Tiger freighters requires less crating than any other method of transportation—in many cases no crating at all.

*The Flying Tiger
Line Inc.*

GENERAL OFFICES:
LOCKHEED AIR TERMINAL
BURBANK, CALIFORNIA
Agents in principal cities
throughout the world.
...WORLD'S LARGEST OPERATOR
OF AIR FREIGHT AIRCRAFT

became almost immediately apparent: air cargo! May 5, 1941, was the first airborne issue. Said Ballantyne:

Originally, the copies were printed in Jersey City on Tuesday and forwarded that night by Railway Express. Here, Friday connections were made with Pan American World Airways' planes to every country in Latin America and most of the West Indies. This schedule was of immense improvement over previous performance, since it is meant that all readers would have their copies by the Monday issue date and a few would have delivery before the weekend.

The airshipped edition of *Time* was not exactly like the one read domestically, but editorially it suffered very little. Not only was the paper on which it was printed considerably lighter, but it contained about 50 per cent of the number of pages. There was less advertising, a few features were eliminated, and in some cases articles were shortened. But it was just as much *Time* as the periodical read back in the States.

A successful venture? Terrific! is the answer. Poundage skyrocketed to such an extent that when the United States finally became embroiled in the war, Pan Am was forced to ration cargo space on its aircraft. *Time* was given a ceiling of 3500 pounds a week, considerably less than the magazine required. The Luce-owned weekly had, by this time, made important inroads in Latin America, and the 3500 pounds placed its circulation in that part of the Western Hemisphere in a precarious position. Consequently, as a wartime expedient, *Time* established operations at Sao Paulo, Buenos Aires, Bogota, and Mexico City. After the war, when more air space became available, the on-the-spot operations were suspended.

Now that *Time* was airborne, with its Latin American circulation once more serviced by the home office, the periodical's traffic department looked forward to more and more speed. After all, speed was the airplane's best selling point, and it probably could do a great deal better than it was doing at that moment. The matter of speeding distribution occupied *Time* no end.

The change from steamer mail to air delivery was an invaluable betterment distribution-wise (Ballantyne stated). But we began to ask ourselves if it was the final answer. It really didn't make sense to print magazines on a Tuesday and not get them out of the country before Friday. We were ready and willing to pay the additional cost of domestic air transportation if we could begin

to fly from Miami on Wednesday morning.

So Eastern Air Lines was called into the picture for the haul from New York to Miami where the magazines were transferred to a Pan Am transport. A special rate was determined to make it worth the while of both the publisher and the air carrier.

To meet its schedule, *Time* production men were put on their toes. It is amazing that only eight hours after the printers receive their copy, the magazine has been printed, bundled, and on its way to the various airports in the metropolitan area, for shipment to the ports of export—Miami and New Orleans. Eastern is no longer *Time*'s sole carrier on the domestic leg; a number of airlines are utilized, with a freight forwarding firm pitching in to expedite distribution. Nor is Pan Am the only international carrier used today in flights to Latin America.

R. J. Graulich, traffic manager for *Time-Life* International, gave me this concise exposition of what the company's air shipping schedule means to *Time* readers:

Time reaches the newsstands in the United States on Thursday. As far as the International Editions are concerned, the Latin American Edition by and large does reach the newsstands at about the same time as the Domestic Edition, in the major cities. In some cases, however, it is Friday before copies are on sale on the newsstands. The Canadian Edition of *Time* is on sale on Thursday, in the major cities. The Atlantic Edition, printed in Paris, is on sale in England and France on Friday, but to most other points which are served from Paris, the newstand sale of copies varies from Friday to Monday and in the case of South Africa the newsstands have their copies for sale by Tuesday or Wednesday after issue date.

The Pacific Edition, which is printed at two points—part at Tokyo and part at Honolulu—covers considerable territory. Aside from Hawaii which has newsstand copies for sale at the same time they are put on sale in the United States, the other points served from Honolulu—namely New Zealand, Philippine Islands, Malaya, Guam and Fiji Islands—have copies available for newstand sale the Friday and Saturday before issue date. That part of the Pacific Edition which is printed in Tokyo serves Korea, Japan, Hong Kong, Indo China, Burma, Okinawa, India, Ceylon, Thailand, Malaya, Indonesia, and Afghanistan. Excluding Japan, which has newsstand copies for sale

generally on the Saturday before issue date, most other points are several days later. The India copies are on sale on Tuesday in the cities of Calcutta and Delhi. In such cities as Bombay and Madras, copies are available for sale Wednesday after issue date—in Indo China, Thursday—in Thailand, Tuesday—Singapore, Tuesday—in Pakistan, Tuesday.

Today, more than 13,000 pounds of Time International Editions move by air each week.

Captain R. A. Cooke, traffic manager of the American Newspaper Publishers Association, will be the first to agree that essentially a newspaper is a "perishable product."³ The element of time is all-important; it cannot wait. Therefore, with the downward adjustment of airlines' commodity rates, more newspapers and news periodicals have joined the ranks of the airborne. Captain Cooke, who is openminded about the possibilities of air cargo in newspaper distribution, has pointed out that rail services make possible "same day distribution as far as 500 miles from the point of shipment." As far back as 1945 he said that "many large newspapers have already given consideration to the matter of moving newspapers in air cargo service, and while they all recognize certain of its advantages, the level of the prevailing rates and lack of regular service have been deterrents that prevent large-scale daily use. The newspaper publishing business believes there is a place for the carriage of newspapers in air cargo service, but it must be implemented by a rate structure adjusted to the transportation characteristic of the newspaper, and regularity of movement." And he added: "These we hope will shortly follow."

The air cargo industry still lacks the type of aircraft which would give the rail and sea transportation companies a serious tussle. But it has progressed fast.

³ What D'ya Read . . . By Air? (Air Transportation Magazine; Vol. 7, No. 4).

enough since the end of World War II to have induced an increasing number of publications to take to the air for one or both of two reasons: extended circulation and/or speedier distribution.

I checked with a few of the domestic and international airlines and gained a better-than-fair picture of what is going by air these days. At American Airlines I was informed that the *New York Times*, *New York Herald Tribune*, *New York Post*, *New York Journal-American*, *Wall Street Journal*, *Variety*, *Time*, *Kiplinger Newsletter*, *Los Angeles*

Times, *Los Angeles Examiner*, *Los Angeles Herald-Express*, and *National Quot* were being hauled. TWA told of air freighting two of the aforementioned dailies, *Time*, *Newsweek*, *Film Daily Variety*, *Racing Form*, *Cash Box*, *Printer's Ink*, and special editions of Fairchild Publications. Northwest Airlines also mentioned some of the New York dailies and both news weeklies, adding *Reader's Digest*, *Data Digest*, *Women's Wear Daily*, and *Journal of Commerce*. Lou Garcia, of Panagra, supplied some of the above, and threw in the *Miami Herald* and *U. S. News*

AIR FRANCE "FAST-AIRE" CARGO SERVICE WINS STYLE RACE FOR FILENE'S



Paris designers worked feverishly to finish creations by deadline of Feb. 27th so Filene's representatives could ship their purchases via Air France "Parisian Fashion Special," leaving Paris at 2:00 A.M. Wednesday, Feb. 28th.



That same Wednesday at 8:00 P.M., Filene's presented a special showing of the spring creations of Paris's greatest couturiers at Logan Airport, Boston—a clean-cut style best.

SHIPMENTS SCHEDULED DAILY—ON ALL FLIGHTS TO 151 DESTINATIONS ON 6 CONTINENTS

- ★ You reach these markets at the right time to take advantage of peak demand.
- ★ New low commodity rates for specific commodities.
- ★ Cut inventory, storage, insurance costs . . . save time . . . with "FAST-AIRE" CARGO SERVICE.

When you ship...SHIP AIR FRANCE "FAST-AIRE" CARGO SERVICE

FIVE CONVENIENT TERMINALS: New York—683 Fifth Ave., New York 22, 5 Pearl St., or "Idlewild," Plaza 9-7000; Boston—493 Boylston St., Boston 16, or Logan Airport, COpley 7-5350.

Only daily DC-6 air cargo service to South America



● Inquire about Panagra's low cargo rates . . . they're lower than you may think! Daily cargo service via 300-mile-an-hour DC-6's . . . only overnight from Miami to Buenos Aires. Speed large or small shipments to Panama*, Colombia, Ecuador, Peru, Bolivia, Brazil, Chile, Argentina. Call Panagra's U. S. Sales Agents, Pan American World Airways, your Freight Forwarder or write Cargo Dept., Panagra, Chrysler Bldg., New York 17.

*Between Miami and Panama, over the routes of Pan American World Airways.

Panagra
Pan American Grace Airways, Inc.

Backed by 23 years of flying experience in South America

and World Report. He also volunteered the information that Lima's *El Comercio* and *La Prensa* were flown to all parts of Bolivia during the serious paper shortage in that country during the Winter of 1949-50.

Constantin Sainderichin, Air France's freight chief on this side of the Atlantic, mentioned the names of the familiar airborne newspapers and magazines and spoke of plates and mats destined to French printing presses. Scandinavian Airlines System reported that it is flying in the Swedish newspaper, *Sverige-Nytt*, to New York on regular schedules. Bill Butler, Sabena's top cargo man, stated that the Belgian airlines was flying about 150 pounds of the *Cotton Trade Journal* to Europe every week. At BOAC I was able to obtain a three-page list of what the British airline called "newspaper commitments." Destined to such places as Kampala, Nairobi, Khartoum, Tripoli, Nicosia, Teheran, Baghdad, Accra, Jeddah, Hong Kong, Singapore, Rio de Janeiro, Sydney, Cairo, New York, and Montreal (to offer the reader only a partial sample), the various flights had the familiar *Time*, *Life* and *Newsweek* abroad, plus the *London Daily Telegraph*, *London Times*, *London Evening Standard*, *Argus*, *S. A. News*, *Truth*, *Sportsman*, and *Times of Ceylon*.

The rugged terrain of Colombia, plus the inadequacy of that country's surface transportation system—and, in many cases, its absence—have made air freight extremely popular. In 1950, the Colombian airline, Avianca, was flying approximately 40,000 pounds of newspapers a day.

El Al, the Israeli airline, had barely started its New York-to-Lydda operation when it flew several thousand copies of U. N. World to the Holy Land to mark the first time in Israel's history that complete distribution of an American publication had been made entirely by air. Copies were placed aboard an El Al DC-4 only a few hours after they had come off the press, and they were placed on sale at newsstands in Tel Aviv and other Israeli cities at about the same time they were first seen in United States cities.

Continental Air Lines is transporting the *Denver Post's* New Mexico Airborne Edition which is slanted toward that state's interests. John A. Smith, Continental's cargo sales manager, told me that in the first month of operations nearly 50,000 pounds of the special edition were flown to Raton, Las Vegas, Santa Fe, and Albuquerque. Readers of the New Mexico Airborne Edition are able to purchase their copies on the same afternoon of editing and printing in the Colorado city.

The *Tribune-Herald*, of Casper, Wyoming, is flown in sizable quantities in the small Bonanza aircraft operated by Inter-Mountain Airlines. Lusk and Newcastle readers receive the newspapers almost as soon as do the readers in Casper.

Without question, the most outstanding airborne daily is the famous *New York Times* which prints an International Air Edition on lightweight paper. Balancing the *Times'* well-known slogan, "All the News That's Fit to Print," is another dogear on the opposite side of the masthead, which reads: "International Air Edition—Air Mail Delivery by U. S. Post Office Department and Air Freight Delivery by Commercial Airlines."

The International Air Edition may be found every day in many cities in 39 countries of Latin America, Europe, North Africa, and the Middle East. In Great Britain, the special airborne edition is sold in 28 cities; in France, 54 cities; in Germany, 94 cities; and in Italy, 97 cities.

Successor to the *Times'* United Nations Edition which was flown each day to the French capital during the sessions of the General Assembly in the Autumn of 1948, the New York newspaper decided to publish its first International Air Edition in December of the same year. Demand grew steadily, and the publishers met the demand with an expanded distribution. Finally, in June, 1949, the *Times* ceased printing the entire supply of the International Air Edition in New York, switching printing—not editing—operations to Paris, from which point it was distributed throughout Europe, North Africa and the Middle East. Today, only those airborne editions destined to Latin America roll off the presses in New York. The editions printed in Paris are from stereotype mats rushed across the Atlantic by air.

One of the early newspapers to take advantage of the lowering of rates was the *Atlanta Journal*. Routing its air-expressed shipments through Delta Air Lines, the Atlanta daily was made available to readers in Savannah and Augusta only a few hours after printing. Reporting on this development back in 1945, AIR TRANSPORTATION stated:

Savannah readers, some 300 miles away from the plant of the *Journal*, were reported to have been amazed at seeing the Atlanta daily headline the story of the Nazi surrender in Italy only two hours after it broke.

The reaction of George C. Biggers, executive vice president and general manager of the paper, was a prediction of a postwar "net work of air express

routes delivering the *Journal* throughout the South."

Irving B. Babcock, at that time president of the Aviation Corporation and the chairman of the board of Consolidated Vultee Aircraft Corporation, in a nod to air cargo, pointed out that "air transport can even eliminate the need for investing in a new plant."⁴ He further revealed:

A leading Eastern newspaper recently decided against erecting a West Coast plant for publishing a West Coast edition. It found that the cost of establishing, staffing, and operating the extra plant would be greater than the cost of air transport for the newspapers printed in the East.

Surveying the 80 different industrial uses of small aircraft in the United States, the Civil Aeronautics Administration found in 1949 a total of 216 planes operated in the delivery of mail and newspapers. One hundred and eleven operators were so engaged. Wide-open areas such as Texas are ideal for this type of operation.

The record shows that the regular airshipment of newspapers and periodicals occupied the minds of a few air carriers way back in the Twenties. The International Air Transport Association did a certain amount of work on their behalf. IATA, itself, has this to say about those early days:⁵

IATA meeting directed protracted, but unsuccessful, negotiations with news agencies who wanted to ship newspapers and magazines in bulk by air. The latter offered a steady and sizable supply of bulk cargo (Messageries Hachette, in France, alone shipped 110,000 tons of newspapers a year) if they could be guaranteed reasonable regularity of service and a decent rate.

With the League of Nations acting as matchmaker, the prospects at first looked promising. When the bargaining had ended, however, IATA's best offer on behalf of its members was the inauguration of daily services the year round by 1930, 95 per cent completion of schedules for five and eventually six months per year, some immediate reductions on lightly traveled routes, and eventual reduction on trunk routes. This was not enough, either in regularity or price reduction for the news agencies, who dropped the matter. So did IATA, after informing the League of Nations that "governments would have to make sacrifices in order to make the transport of newspapers possible for air carriers." But the airlines

⁴ *A World at the Shipper's Fingertips* (Air Transportation Magazine; Vol. 9, No. 6).
⁵ *The First Three Decades*, compiled by S. Ralph Cohen.

themselves, having done some missionary work among the news agencies, proceeded quietly over the years to build up this kind of cargo by individual solicitation.

In 1947, the Commission on Freedom of the Press, headed by Robert M. Hutchins, chancellor of the University of Chicago, published an important report entitled, *A Free and Responsible Press*.⁶ Midway in its report, the commission stated:

Of the towns in the United States with a population of 1000 or more, all are reached by newspapers, mail, telephone, and telegraph, and almost all have motion pictures and direct mail service. This is a notable record of achievement. Radio falls far short of this. Although almost all these communities have secondary radio service, only one in 15 has primary service.

Quantity is in some ways the enemy of the kind of service the country needs. Radio and motion pictures, and to some extent newspapers, tend to offer the fare which will appeal to the largest number of people. But there are large minorities who desire fullness of record and the distinguished quality of the best foreign motion pictures. These, as well as the omnibus product, should be available for all who want them. At present they are obtainable only in a few metropolitan centers.

Outside the United States the coverage of mass communications is much less complete than it is in this country. Whole populations are cut off from the interchange of news and discussion by poverty, by censorship, and by poor physical facilities for intercommunication. Invention in the field of communications is plainly on the side of more words and pictures going farther at lower costs. But the full use of the new instruments to build a world community will require

a clear national policy and a great joint effort on the part of government and private agencies.

The italicized portions of the preceding two paragraphs are my own emphasis. I am reasonably certain that the Commission on Freedom of the Press did not take into account the possibility of dailies of world-wide or even nation-wide circulation. However, the italics point up its desirability, at least from the moral standpoint.

Since 1909 there has been a persistent decline of English-language newspapers in the United States; this at a time when literacy has grown. Also, match this decline with the steady growth of the American population as well as with the zooming total circulation. In the past four decades, the graph has shown a steady downward slide from the peak of 2600 dailies, until now it stands at approximately 1750. About one of 12 newspapers published in this country has competitive dailies. Using Dr. R. B. Nixon as its authority, the commission adds:

... in ten states of the Union no cities have competing dailies; in 22 states no cities have competing Sunday newspapers. Altogether 40 per cent of the estimated total daily newspaper circulation of 48,000,000 is noncompetitive. Rival newspapers exist only in the larger cities.

Twenty-five hundred of the 16,000 and more weekly newspapers of the nation disappeared between 1910 and 1920, another 1300 between 1920 and 1930, and 1750 more in the next decade. Fewer than 10,000 now survive.

Clearly there is a need for the reading public, in many parts of the country, to be in a position to purchase more than one newspaper, or to be able to select one of at least two. It would seem that the trend is away from the democratic concept. A Democratic and a Republican newspaper in one town, for instance, maintain the healthy process of airing more than one opinion. When one of these two disappears, a certain portion of the population is left in a vacuum. Admittedly a local rival is preferable, the only alternative, however, is one to be shipped in from the outside.

The really great newspapers of the United States—such as the *New York Times*, *New York Herald Tribune*, *Christian Science Monitor*, *St. Louis Post-Dispatch*, *Washington Post*, and a few others—are spokesmen for some important segments of public opinion. Highly respected and regularly quoted, these journals are logical candidates for truly national circulation. Through the several-hundred-miles-an-hour services of the airlines, the outstanding

dailies will, in the near future, be made available to the "large minorities who desire fullness of record," but which at present are "obtainable only in a few metropolitan centers."

It is entirely logical that there will be some criticism of the extension of circulation of a few giants. The nine Nieman Fellows of 1945-46 stressed the fact that a "democracy must have all kinds of newspaper," and then spoke alarmingly of the press which "speaks with fewer and fewer voices."⁷ The twin assertions cannot be denied, nor can they be shunted aside. Analysis shows, however, that the wider distribution of dailies whose editorial views do not parallel each other are an aid to the democratic process; and these newspapers will be especially welcome in areas monopolized by a single publisher. The provincial cry of an outsider intruding on local premises will, no doubt, be heard; but it will be countered by others who unsuccessfully sought a local paper approximating their own views and gratefully turned to the new arrival.

If *Time* and *Newsweek* and *Life* are old friends on newsstands everywhere in these United States, why not some big dailies? Do the giants grow more gigantic? Yes! But until the problem of concentration of power can be solved by our people, it is urgent that every citizen be given the opportunity to obtain more than one man's opinion.

Some time ago, the United States National Commission for UNESCO recommended a world-wide radio broadcasting network for the purpose of bringing the deliberations and messages of the United Nations to all peoples at the same time.

Why not a United Nations newspaper in addition to the radio service? There is no question as to its feasibility. Extremely light plastic plates of the pages, in the many tongues of the world, can be struck off in the headquarter city of the United Nations and flown to printing plants in all corners of the earth. It is conceivable that the complete newspaper will be off the presses and on sale within 48 hours at the most distant point—and only a fraction of

⁷ *Your Newspaper: Blueprint for a Better Press* (Copyright, Macmillan Company). The nine authors include the book's editor, Leon Swirsky, and James Baul, Charlotte FitzHenry, Arthur W. Heppner, Frank Hewlett, Frank A. Kelly, Mary Ellen Leary, Cary Robertson, and Ben Yablonsky.

GLOBAL SHIPPING CO., INC.

Foreign Freight Forwarders

FORWARDERS FMB No. 257

Recognized by:

International Air Transport Association

11 Broadway, New York 4, N. Y.

Phone: WHitehall 2-7980

⁶ Vice chairman of the commission was Zechariah Chafee, Jr., professor of law, Harvard University. Other members were: John M. M. Clark, professor of economics, Columbia University; John Dickinson, professor of law, University of Pennsylvania, and general counsel of Pennsylvania Railroad; William E. Hocking, professor of philosophy, emeritus, Harvard University; Archibald MacLachlan, formerly Assistant Secretary of State; Charles E. Merriam, professor of political science, emeritus, University of Chicago; Reinhold Niebuhr, professor of ethics and philosophy of religion, Union Theological Seminary; Robert Redfield, professor of anthropology, University of Chicago; Beardsley Ruml, chairman, Federal Reserve Bank of New York; and George N. Shuster, president, Hunter College. Among the foreign advisers were: John Greifson, former general manager, Wartime Information Board, Canada; Huh Shih, former Chinese Ambassador to the United States; Jacques Maritain, president, Free French School for Advanced Studies; and Kurt Riezler, professor of philosophy, New School for Social Research; Robert D. Leigh, director; Llewellyn White, assistant director; Ruth A. Inglis; and Milton D. Stewart, staffed the commission.

that time when advanced jet transports become the order of the day.

Yes, you'll be able to read the Paris morning paper over your breakfast coffee in Philadelphia, and the Chicago evening paper after dinner in Rome.

This is not a vision. It's a promise!

BOXCARS IN THE SKY—II

(Continued from Page 7)

which can be exploited if and when the time comes that a shipper's freight is handled in the proper ratio or in transit time—ground to air.

Until such time as adequate and intelligently planned air freight terminals are provided for our air freight industry, its expansion will be retarded. Cooperation between the major air terminals, both domestic and international, and the air freight operators, can prove profitable to both. The tonnage of air freight has reached proportions which warrant careful scrutiny with the view of augmenting the revenue of the air freight terminal through offering efficient terminal facilities. The importance of not offering something just a little better than existing facilities, but providing a well-planned and equipped air terminal facility, cannot be stressed too strongly. For if the air freight operators are to become tenants of such a terminal, renting, storage space, loading ramp area, etc., they will expect and be required to assume their reasonable share in amortizing the capital investment necessary. Until these new facilities will permit

the air freight operators to handle and load their air freight at a considerable saving in cost and time, the very purpose will be defeated.

Hackney is utterly correct when he points out that air cargo's "amazing growth and potentially successful development has occurred despite the crude, ineffective, and even wasteful methods used in the on-and-offloading" of shipments. Adequate truck and dock facilities and specially-designed materials-handling equipment are acutely needed. The Lockheed engineer struck a significant note when he said:

The military logistics value of a series of properly designed and equipped air freight terminals of standard design can be of untold value in the event of a national emergency. These terminals can be utilized by the Military Air Transport Service to supplement their existing facilities, for in time of national emergency there is always a need to requisition and transport vast supplies of critically needed materials. The commercial air freight terminal would provide an important link in this chain. In time of stress, its normal capacity could be increased many times over on an around-the-clock basis.

Major General Laurence S. Kuter, MATS Commander, has said that one of the handicaps of supply during the Soviet Blockade, was the necessity of loading and unloading by hand. But in Germany there was an ample labor supply from among the nearly 12,000 DP's who put their back and muscle to the job.

The die has been cast—and it has been cast on the West Coast. First to go all-out in an effort to show the way for the rest of the country is the Lockheed Air Terminal at Burbank, California. At Soledad Airport, Columbia, Avianca is adopting the Whiting-manufactured Loadair system which is designed to increase safety, decrease loading and unloading time, and reduce cargo-handling costs.

When the scheduled airlines' monumental wartime task was over and it had become apparent that commercial air freight had really arrived, the Air Transport Association made several important moves, one of which was to switch its subsidiary, Air Cargo, Inc., from a research group to a ground-service organization. It was set up to perform the following functions: provide directly, or by contract, pick-up and delivery services at all points within the continental United States served by the member airlines, and tripper services between such points and the airports through which they are served; provide, directly or by contract, joint facilities and personnel for the operation of midtown and/or airport cargo terminals, completely equipped; and provide directly, or by contract, certain moves to eliminate unnecessary duplication of expense (accounting, purchasing, etc.) as well as to coordinate the member airlines' freight services. Unfortunately, not all of ACT's aims have been realized.

Another phase of development which has been a laggard and not nearly so productive as it could—and should—be, is the packaging industry. Air cargo men have been screaming for years for some emphasis in their direction; but, in the main, their demands have fallen on deaf ears. Of course, there have been a few developments—principally in the packaging of certain perishables—but, industry-wise, the efforts of commercial packaging engineers have been inadequate.

In January, 1945, the well-known air transportation executive, Thomas Wolfe, warned against the apathy of the packaging industry. Wolfe had surveyed the progress being made by thirty of the country's outstanding packaging and container firms, and found that out of this group only seventeen showed some interest, and of the latter number "only a handful had been taking air shipping problems seriously".²

It is symptomatic of the packaging industry's lethargy that as late as 1950 the Office of Domestic Commerce found it necessary to mention that "the development of advantageous packaging

²We Need an Air-Shipping Clinic (Air Transportation Magazine; Vol. 6, No. 1).

Riddle AIR CARGO

★ MIAMI ★ NEW YORK ★ PUERTO RICO

Fast, dependable, overnight departures between New York, Miami and Puerto Rico make connections to all parts of U. S. and South America. RIDDLE'S daily service, prompt and experienced handling add up to low cost, dependable air cargo shipments.



★ Pickup and Delivery Service Available

SAN JUAN, P. R.
PH. 3-0683

PONCE, P. R.
PH. 2080

ARECIBO, P. R.
PH. 343

MAYAGUEZ, P. R.
PH. 697

Riddle AVIATION CO.

NEW YORK, N. Y. — 412 9th Ave.
Ph. Longacre 3-5406

MIAMI, FLA. Ph. 88-6721

techniques for products to be transported by air has not kept pace with the growth of air freight service".³ The challenge had been there for years, but the packaging people weren't reacting with their characteristic alacrity. Curious to say the least. Shortsighted, too.

The Second World War gave air freight packaging its biggest boost. Prompted by necessity, the airlines, packaging companies, and Government agencies put their heads together and came up with a number of important developments. Air cargoes destined to the various war zones received the benefits of these wartime achievements. There was considerable progress in the packaging of the highest-rated items; i.e., machinery hardware, and metal parts. New sealing materials came into existence—materials which eliminated damage by excessive temperature, humidity corrosion, mold formation, and insect infestation. Peace spelled an end to this progress.

Wolfe's exhortations, made in wartime, still hold good. They could have been uttered today. Indeed, they should be uttered today, and repeated at every opportunity:

The opportunities to manufacturers and distributors for making and selling goods . . . are without limit, but the maximum realization of these through air transportation will depend largely upon bringing into play the best skills and practices in packaging.

Education for the shipper whose present shipping department is accustomed only to packaging for surface transportation will be necessary. To him the questions of whether weight of the container can be reduced and whether cost of shipping can be reduced will be of paramount importance.

A challenge is offered to the packaging engineer to incorporate all the protective features required for air transportation with the least weight. Also to the design and construction engineers for the development of efficient handling and stowage methods. Most important, perhaps, is the challenge to the sales engineer of the airline to whom the task of educating the shippers will fall.

The writer (Thomas Wolfe) firmly believes that the airline industry should join hands with the packaging and container manufacturers in carrying out concentrated research . . . A shipping clinic contributed to by packaging manufacturers, aircraft manufacturers, airlines, and cargo

handlers would pay dividends. . . .

It is amazing how many shippers continue to pack their air shipments in heavy, costly containers when lighter and just-as-sturdy one are available. The competent shipping room executive recognizes that air shipments are handled fewer times and are given the smoother ride; therefore the packaging should be suited to the mode of transportation.

When air cargo rates are higher than for other methods of transportation, emphasis on lightweight containers becomes stronger—especially if the shipment goes by air all the way. (This does not mean that flimsy packages are acceptable. They're not. Reinforcing means delay.)

What is the ideal air-shipping container? Experts say that it must be light, sturdy, inexpensive, shock-absorbent, easily stored in a plane, offers the most in protection against pilferage, insulated against extremes in temperature, can be sealed easily and efficiently, will take multi-color printing, and can be used more than once.

Overpacking is a blow at profits, but you hear of such cases now and then. The Office of Domestic Commerce relates the extreme case of a delicate electrical device, weighing less than an ounce, which was shipped in a seven-pound package. Later it was repacked in cotton and placed in a paper box the size of a cigarette pack. I remember a wartime shipment of penicillin which grossed 5,300 pounds. The drug itself weighed only twelve pounds. All the rest was glass and other packing materials.

Concentrated study—when ever this is made—usually brings desirable results. For example, the use of a new fibreboard and plicofilm container in the airshipment of fresh fish has reduced weight from three pounds of packaging for every pound of fish (shipped via surface carriers) to a single pound of packaging for every ten pounds of airborne fish. The special containers in which baby chicks are hauled are the results of applied study and experience. Lightweight containers have been developed by the wirebound box manufacturers, and these are frequently seen in the holds of cargo planes.

And there's another aspect which cannot be overlooked: airborne packages present an unusual opportunity in getting the most out of advertising messages printed on the container itself. Consumer interest is heightened by special markings which indicate that the contents have been rushed to mar-

ket by air. It's new! It's fresh! It's first in town! This is made possible by the fact that very often outer packaging, so common to the surfaceborne shipment, is eliminated when going by air.

A. G. Lynn, of the Robert Gair Company, is authority for the statement that a recent Eastman-Kodak survey found that its average package of finished goods passes through thirty-five individual handlings before it reaches the hands of the consumer. He added:⁴

By using in the distribution system a palletised unit load of such packages and moving it by air as close as possible to the eventual consumer, the writer could estimate that a saving in enough money might be found to more than pay the cost of the air freight.

The challenge to the packaging industry is at fever pitch. What little has been done for air cargo by the packaging people has had a salutary effect on traffic. But much more remains to be done.

The question is: how soon?

³ *Containers and Packaging*; Vol. 3, No. 2.
⁴ *Is Air Freight Expensive?* (*Air Transportation Magazine*; Vol. 17, No. 4).

At Your Service In

PARIS
ROME
TOKYO
ASMARA
GENEVA
LONDON
SHANNON
DJAKARTA
HONOLULU
WASHINGTON
LOS ANGELES
OAKLAND

IMPORT — EXPORT

Agencies Wanted

**TALOA TRADING
CORPORATION**
30 ROCKEFELLER PLAZA
NEW YORK 20, N. Y.

CABLE PHONE
YORKTRADER PLAZA 7-3518

TABLE OF AIRLINE DISTANCES BETWEEN PRINCIPAL CITIES OF THE WORLD
(Distances in Statute Miles)

FROM	TO	Aacres	Baaded	Berlin	Bombay	Buenos Aires	Calao	Cape Town	Chicago	Guam	Honolulu	Janeau	London	Melbourne	Mexico City	New Orleans	New York	Panama	Paris	Rio de Janeiro	San Francisco	Santiago	Seattle	Singapore	Tokyo
Aacres	3,906	2,148	2,040	2,022	8,215	785	4,923	6,490	6,940	8,446	6,180	2,648	8,150	8,165	7,212	6,066	7,997	2,385	7,012	7,521	8,976	6,948	4,443	3,242
Baaded	2,906	.....	2,040	2,022	8,215	785	4,923	6,490	6,940	8,446	6,180	2,648	8,150	8,165	7,212	6,066	7,997	2,385	7,012	7,521	8,976	6,948	4,443	3,242
Berlin	2,148	.....	.....	2,022	8,215	785	4,923	6,490	6,940	8,446	6,180	2,648	8,150	8,165	7,212	6,066	7,997	2,385	7,012	7,521	8,976	6,948	4,443	3,242
Bombay	2,022	.....	2,040	.....	8,215	785	4,923	6,490	6,940	8,446	6,180	2,648	8,150	8,165	7,212	6,066	7,997	2,385	7,012	7,521	8,976	6,948	4,443	3,242
Buenos Aires	8,215	7,411	9,340	.....	.....	7,428	4,382	5,998	10,516	7,653	7,964	6,919	7,336	4,669	4,902	5,395	3,319	6,891	1,289	6,487	781	6,954	9,940	11,401
Calao	8,215	785	1,823	2,998	7,428	.....	4,476	4,231	7,175	8,925	8,382	2,319	8,726	7,897	6,862	5,791	7,230	2,920	6,242	7,554	8,100	6,915	5,152	6,865
Cape Town	8,470	4,923	5,949	5,133	4,382	4,476	.....	8,551	8,918	11,655	10,382	5,975	6,510	8,620	8,390	7,945	7,690	5,732	3,850	10,340	5,989	10,366	6,025	9,234
Chicago	6,490	4,468	5,144	5,598	6,231	8,581	.....	.....	7,510	4,315	2,310	4,615	9,837	1,690	827	727	2,320	4,219	5,329	1,876	1,825	1,753	9,475	6,410
Guam	8,985	8,489	7,168	4,831	10,516	7,175	7,810	.....	.....	3,894	6,225	7,605	8,497	7,690	7,895	8,115	9,229	7,675	11,710	5,952	9,946	5,783	2,990	1,806
Honolulu	8,446	7,384	7,384	8,172	7,653	8,925	11,655	4,315	3,894	.....	2,835	7,829	8,581	8,246	4,305	5,031	5,317	7,625	8,480	2,467	6,985	2,707	6,874	3,940
Janeau	6,180	2,648	8,150	8,165	7,212	6,066	7,997	2,385	7,012	7,521	8,976	6,948	4,443	3,242	.....	4,496	8,162	3,210	2,860	2,874	4,456	4,708	7,611	1,899
London	2,648	8,150	8,165	7,212	6,066	7,997	2,385	7,012	7,521	8,976	6,948	4,443	3,242	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Melbourne	8,150	8,165	7,212	6,066	7,997	2,385	7,012	7,521	8,976	6,948	4,443	3,242	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mexico City	4,669	4,902	5,395	3,319	6,891	1,289	6,487	781	6,954	9,940	11,401	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Orleans	3,319	6,891	1,289	6,487	781	6,954	9,940	11,401	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	6,066	4,026	7,875	5,395	5,701	7,446	727	8,115	9,051	2,874	2,500	10,541	9,211	10,500	8,240	7,970	7,180	8,330	3,768	5,172	.....	.....	.....	.....
Panama	8,918	7,997	5,902	8,932	3,319	7,820	7,000	2,320	4,219	5,329	1,876	1,825	1,753	9,475	6,410	.....	.....	.....	.....	.....	.....	.....	.....	.....
Paris	1,817	2,385	7,012	7,521	8,976	6,948	4,443	3,242	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rio de Janeiro	4,312	7,912	6,246	8,448	1,289	6,242	8,560	8,320	11,710	5,952	9,946	5,783	2,990	1,806	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
San Francisco	6,114	7,521	5,744	5,132	4,487	7,554	10,340	1,875	5,382	2,407	1,820	5,449	7,970	1,780	1,940	2,696	3,349	5,690	6,655	.....	.....	.....	.....	.....
Santiago	4,718	8,576	7,842	10,127	731	8,100	5,980	6,325	9,946	6,935	7,320	7,275	7,130	4,122	4,553	5,134	3,000	7,200	1,552	5,360	.....	.....	.....	.....
Seattle	4,720	6,246	5,121	7,899	6,956	6,915	10,305	1,753	5,785	2,707	870	4,850	8,330	2,319	2,137	2,440	3,690	5,020	6,945	692	4,466	.....	.....	.....
Singapore	8,338	4,443	6,226	2,425	9,940	5,152	6,925	9,475	2,990	6,874	7,975	6,818	2,768	10,405	10,565	9,817	11,400	6,710	9,875	8,440	10,270	8,200	.....	.....
Tokyo	3,242	3,242	5,823	4,247	11,401	6,895	9,234	6,410	1,596	3,940	4,117	6,600	5,172	7,190	6,993	6,847	3,540	6,132	11,000	5,350	10,350	4,803	3,340	.....

TABLE OF AIRLINE DISTANCES BETWEEN PRINCIPAL CITIES OF THE UNITED STATES
(Distances in Statute Miles)

FROM	TO	Atlanta	Baltimore	Boston	Brownsville	Buffalo	Chicago	Cincinnati	Cleveland	Denver	Detroit	El Paso	Jacksonville	Kansas City, Mo.	Los Angeles	Memphis	Miami	Minneapolis	New Orleans	New York	Philadelphia	Pittsburgh	Portland, Ore.	Richmond	St. Louis	Salt Lake City	San Francisco	Seattle	Washington, D.C.	
Atlanta	
Baltimore	575	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Boston	575	575	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brownsville	933	338	1313	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Buffalo	933	338	1313	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chicago	605	273	398	1575	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cincinnati	583	403	849	1234	454	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cleveland	368	423	737	1182	392	249	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Denver	1208	1505	1766	1085	1368	918	1090	1223	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Detroit	595	398	613	1388	218	236	234	94	1153	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
El Paso	1293	1750	2067	682	1690	1249	1333	1321	554	1475	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jacksonville	286	682	1015	1025	880	861	628	708	1468	832	1481	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas City, Mo.	675	962	1250	935	862	413	541	700	555	643	836	952	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Los Angeles	1935	2313	2590	1370	2195	1741	1892	2044	828	1976	702	2153	1352	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Memphis	335	792	1133	775	802	481	410	627	878	621	978	591	370	1602	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Miami	610	938	1258	1100	1184	1190	957	1088	1732	1156	1662	328	1247	2355	878	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minneapolis	905	948	1125	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Orleans	427	1001	1359	536	1087	831	708	922	1079	938	986	511	678	1675	338	681	1050	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York	747	170	188	1695	291	711	568	404	1628	485	1892	838	1097	2446	933	1095	1019	1173	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oklahoma	753	1173	1490	659	1117	689	735	946	503	905	578	968	293	1182	422	1233	692	575	1324	.....	.....	.....	.....	.....	.....	.....	.....	.....
Philadelphia	663	90	268	1614	278	664	501	343	1575	444	1834	738	1037	2388	878	1023	965	1090	83	1256	.....	.....	.....	.....	.....	.....	.....	.....
Pittsburgh	520	194	478	1424	178	411	258	1115	1320	208	1892	702	784	2135	660	1014	745	923	313	1013	254	.....	.....	.....	.....	.....	.....	.....
Portland, Ore.	2172	2367	2533	1952	2167	1765	1987	2063	985	1975	1286	2442	1397	825	1832	2716	1485	2063	2455	1488	2419	2174	.....	.....	.....	.....	.....	.....
Richmond	470	135	471	1403	375	618	385	333	1485	445	1695	550	935	2283	715	831	1185	899	287	1122	205	242	2393	.....	.....	.....	.....	.....
St. Louis	467	731	1036	975	662	259	308	490	703	432	1033	735	238	1585	242	1067	464	599	873	456	808	561	1723	699	.....	.....	.....	.....
Salt Lake City	1560	1888	2099	1317	1701	1360	1450	1567	372	1490	639	1840	922	577	1250	2098	988	1433	1972	862	1923	1670	636	1850	1158	.....	.....	.....
San Francisco	2133	2431	2696	1675	2298	1855	2037	2163	946	2087	993	2375	1590	345	1890	2603	1385	1923	2568	1386	2518	2264	536	2436	1738	592	.....	.....
Seattle	2180	2341	2508	2015	2130	1743	1974	2035	1020	1945	1373	2450	1505	956	1867	2740	1403	2098	2419	1523	2388	2145	143	2362	1722	697	680	.....
Washington, D.C.	542	33	392	1493	290	594	403	303	1490	397	1726	647	943	2295	763	927	936	968	204	1150	122	188	2360	96	710	1845	2437	2335



***"We are adding
thousands
upon thousands..."***

FRANK M. FOLSOM
President, Radio Corporation of America

"By a simple person-to-person canvass, we are adding thousands upon thousands of serious savers to our Payroll Savings Plan. Our employees are eager to contribute to the strengthening of America's defenses while they build their own security. They know that individual saving initiative means a blow at ruinous inflation. They know that is the line on which all of us at home can make our strongest fight."

"Thirty days has September." And every one of these September days is a D Day. In newspapers... magazines... over the radio... from the television screen... on billboards... contributed advertising will urge every American to "Make today your D Day. Buy U.S. Defense Bonds."

September days are "D" Days for management, too—*Decision Days*.

If you have a Payroll Savings Plan and your employee participation is less than 50%... or if you have not made a person-to-person canvass recently—consider this your "D" Day.

Phone, wire or write to Savings Bond Division, U. S. Treasury Department, Suite 700, Washington Building,

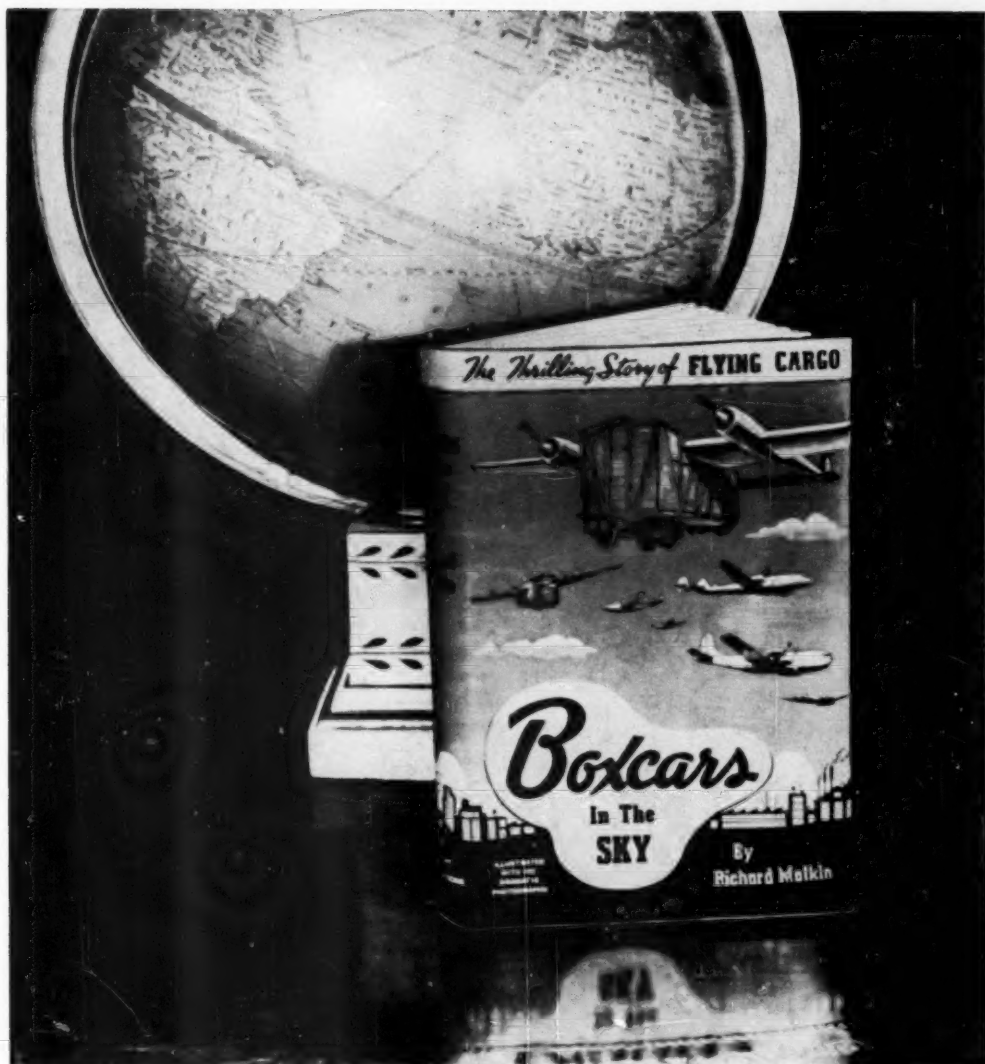
Washington, D. C. Your State Director will show you how easy it is to increase your employee participation to 70%, 80%—even 90%—by a simple person-to-person canvass that places an application blank in the hands of every employee. He will furnish you with application blanks, promotional material, practical suggestions and all the personal assistance you may desire.

Your employees, like those of the Radio Corporation of America and many other companies will join by the hundreds or thousands because they, too, are eager to contribute to the strengthening of America's defenses while they build their own security. Make it very easy for them—through the automatic Payroll Savings Plan.

The U. S. Government does not pay for this advertising. The Treasury Department thanks, for their patriotic donation, the Advertising Council and

AIR TRANSPORTATION





No matter whether you're a traffic man . . . manufacturer . . . freight forwarder . . . distributor . . . importer and exporter . . . airline man . . . military man . . . instructor . . .

Richard Malkin's
BOXCARS In The SKY
is written for you!

Here's the complete story of air cargo—for the first time anywhere—in 100,000 words (22 chapters) plus 140 dramatic photos

ORDER YOUR COPY TODAY!

IMPORT PUBLICATIONS, INC.,
 10 Bridge St., New York 4, N. Y.

\$4⁷⁵

(Plus 25¢ for mail and
 handling charges)



GONDRAND BROTHERS INCORPORATED

International Freight Forwarders

Recognized by
International Air Transport Association

Forwarders FMB No. 399

33 Broadway
New York 6, N. Y.

Phone: Whitehall 3-7500

Cable: GONDRAND

BRANCH OFFICES:

110 Market St.
San Francisco, Calif.

524 S. Spring St.
Los Angeles, Calif.

810 Union St.
New Orleans, La.

Special Steamer Container Service To and From Switzerland

- GONDRAND FRERES, S. A., Paris
With 44 Branches throughout France,
Belgium, Holland and England
- GONDRAND BROTHERS, Ltd., Basle
With 12 Branches throughout Switzerland
- FRATELLI GONDRAND, S. A., Milan
With 58 Branches throughout Italy
- "ATEGE" ALLGEMEINE TRANSPORT
GESELLSCHAFT
Verm. Gondrand & Mangili m. b. H.
Frankfurt a/M with Branches throughout
Germany and Austria
- GONDRAND BROTHERS, Ltd.,
Bogota - Cali - Medellin - Lima -
Montevideo
- SOC. INT. de EMBARQUES HERMANOS
GONDRAND, S. A.
Havana - Cuba
- TRANSP. INT. GONDRAND BROS.,
(Chile) Ltd.
Santiago - Valparaiso - Chile
- SOC. INT. de EMBARQUES GONDRAND,
S. A.
Rio De Janeiro - Sao Paulo - Brazil
- GONDRAND ARGENTINA, S. R., Ltda.
Buenos Aires - Argentina

THE ECONOMIC COOPERATION
ADMINISTRATION



CERTIFICATE OF COOPERATION

awarded to
Gondrand Brothers

*for furnishing technical assistance to the
Peoples of the Marshall Plan Countries
to aid them in maintaining individual
liberty, free institutions and peace.*

April 3, 1951

William C. Foster
ADMINISTRATOR

SPECIAL SERVICE FOR THE AIR SHIPPER